




PREFORMED LINE PRODUCTS

The connection you can count on.

 **COMMUNICATIONS**

 ENERGY

 SYSTEM ENCLOSURES

 SPECIAL INDUSTRIES



COMMUNICATIONS **CATALOGUE**



Australian Manufacturer of
Fittings & Accessories
For Communication Networks










Communications Catalogue

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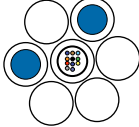
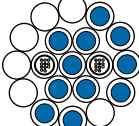
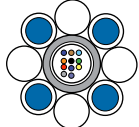


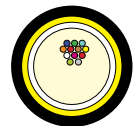




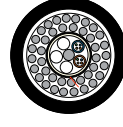



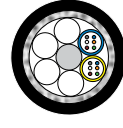


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PREFORMED LINE PRODUCTS
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The 2nd Generation of Products

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Maximum Splice and Express Capacities

Maximum Splice Capacity		COYOTE® Fiber Optic Closures	Maximum Express Capacity	
Buffer Tube/Single Fusion	Uni-tube Ribbon/ Mass Fusion		Buffer Tubes	Ribbons
16 PN: COYDTC-001 PN: COYDTC-002 Splice Blocks Included	36 PN: COYDTC-001 PN: COYDTC-002 Splice Blocks Included	 COYOTE DTC	24 Bare Fibers PN: COYDTC-001 PN: COYDTC-002	2 Ribbons PN: COYDTC-001 PN: COYDTC-002
24 PN: ALL COYLCC Kits	72 PN: COYLCC-003	 COYOTE LCC	48 Bare Fibers PN: ALL COYLCC Kits	8 Ribbons PN: COYLCC-003
96 PN: 8006951 (with 80809958 Tray)	288 PN: 8006951 (with LGSTR144 Tray)	 COYOTE In-Line RUNT	8 Buffer Tubes PN: 8006951	18 Ribbons PN: 8006951
120 PN: COY1-001 (with 80809958 Tray)	288 PN: COY1-002 (with LGSTR144 Tray)	 COYOTE ONE Dome	12 Buffer Tubes PN: COY1-001	24 Ribbons PN: COY1-002
144 PN: 8006944 (with 80809958 Tray)	432 PN: 8006945 (with LGSTR144 Tray)	 COYOTE 6.5" x 17" (165 x 432 mm) Dome	16 Buffer Tubes PN: 8006944	24 Ribbons PN: 8006945
240 PN: 8006877 (with LGSTS72 Tray)	648 PN: 8006878 (with LGSTR216 Tray)	 COYOTE 6.5" x 22" (165 x 558 mm) Dome	24 Buffer Tubes PN: 8006877	36 Ribbons PN: 8006878
288 COYD919B-000 (with 80809958 Tray)	720 COYD919R-000 (with LGSTR144 Tray)	 COYOTE 9.5" x 19" (241 x 482 mm) Dome	36 Buffer Tubes PN: 800013691	24 Ribbons PN: 800013692
800 PN: 80061055 (with LGSTS72 Tray)	1728 PN: 80061056 (with LGSTR216 Tray)	 COYOTE 9.5" x 28" (241 x 711 mm) Dome	60 Buffer Tubes PN: 80061055	36 Ribbons PN: 80061056

























Tray and Splice Capacities

		LITE-GRIP® Short Trays			LITE-GRIP® Long Trays		
		Short - Low Profile 24 Splice Count (Single Fusion)	Short - Deep Profile 40 Splice Count (Single Fusion/ Double Stack)	Short - Deep Profile 144 Splice Count (Ribbon/ Mass Fusion)	Long - Std. Profile 36 Splice Count (Single Fusion)	Long - Deep Profile 80 Splice Count (Single Fusion/ Double Stack)	Long - Deep Profile 216 Splice Count (Ribbon/ Mass Fusion)
							
Part Number		80809958	80808945	LGSTR144	80810086	LGSTS72	LGSTR216
In-Line RUNT		4 Trays 96 Ct.	2 Trays 80 Ct.	2 Trays 288 Ct.	N/A	N/A	N/A
ONE Dome		Buffer 5 Trays 120 Ct.	2 Trays 80 Ct.	2 Trays 288 Ct.	N/A	N/A	N/A
		Uni-tube 4 Trays 96 Ct.	2 Trays 80 Ct.	2 Trays 288 Ct.	N/A	N/A	N/A
6.5"x17" (165 x 431 mm) Dome and Terminal Dome		Buffer 6 Trays 144 Ct.	3 Trays 120 Ct.	N/A	N/A	N/A	N/A
		Uni-tube 5 Trays 120 Ct.	2 Trays 80 Ct.	2 Trays 288 Ct.	N/A	N/A	N/A
6.5"x22" (165 x 558 mm) Dome and Terminal Dome		Buffer N/A	N/A	N/A	4 Trays 144 Ct.	3 Trays 240 Ct.	N/A
		Uni-tube N/A	N/A	N/A	4 Trays 144 Ct.	3 Trays 240 Ct.	3 Trays 648 Ct.
9.5"x19" (241 x 482 mm) Dome and Terminal Dome		Buffer 12 Trays 288 Ct.	6 Trays 240 Ct.	N/A	N/A	N/A	N/A
		Uni-tube 11 Trays 264 Ct.	5 Trays 200 Ct.	5 Trays 720 Ct.	N/A	N/A	N/A
9.5"x28" (241 x 711 mm) Dome and Terminal Dome		Buffer N/A	N/A	N/A	10 Trays 360 Ct.	7 Trays 504 Ct.	N/A
		Uni-tube N/A	N/A	N/A	12 Trays 432 Ct.	8 Trays 576 Ct.	8 Trays 1728 Ct.
Terminal Closure		Single Chamber 4 Trays 96 Ct.	2 Trays 80 Ct.	2 Trays 288 Ct.	N/A	N/A	N/A
		Dual Chamber 8 Trays 192 Ct.	4 Trays 160 Ct.	4 Trays 432 Ct.	N/A	N/A	N/A

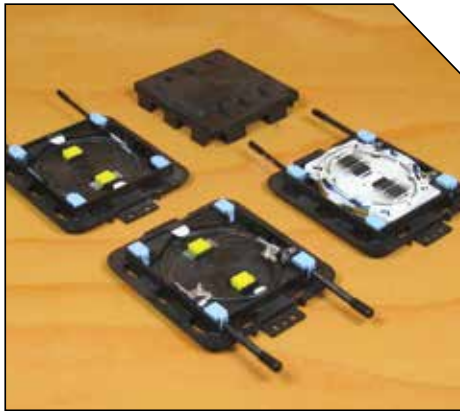
Splice Tray Accessories	
Part No.	Description
80808187	Heat Shrink, Single Fusion, Splice Protector, 40mm long - 12 Pack
8003509	Heat Shrink, Single Fusion, Splice Protector, 60mm long - 12 Pack
8003993	Heat Shrink, Mass Fusion/Ribbon, Splice Protector, 40mm long - 12 Pack
LG SBS4-5	LITE-GRIP Low Profile Splice Block (Black), 4 Hole for Single Fusion Splices (5 pack) - retains max of 4 splices per block
LG SBS8-5	LITE-GRIP Splice Block (Yellow), 8 Hole for Single Fusion Splices (5 pack) - retains max of 8 splices double stacked, per block
LG SBR3-5	LITE-GRIP Splice Block (Purple), 3 Hole Mass Fusion Splices (5 pack) - retains max of 3 splices per block
80808613	Express Fiber Storage Ring - For Deep Profile, LITE-GRIP Splice Trays ONLY

COYOTE® Grommet Selection Chart

Recommended Selection of Silicone Grommets for COYOTE® Fiber Optic Closures

													
Kit Part No:	8003701	8003691	8003692	8003693	8003694	8003663	8003990	8003664	8003665	8003676	8003677	8003989	8003796
Cable Range (in)	.42"-.60" .60"-.85"	.40"-.60"	.60"-.85"	.85"-1.0"	1.0"-1.25"	.42"-.60"	.50"-.60" .125"-.25"	.30"-.43"	.125"-.25"	.42"-.60" .125"-.25"	.125"-.25"	Flat Drop	Flat Drop
Cable Range (mm)	10.7-15.2 15.2-21.6	10.7-15.2	15.2-21.6	21.6-25.4	25.4-31.6	10.7-15.2	12.7-15.2 3.2-6.4	7.6-10.9	3.2-6.4	10.7-15.2 3.2-6.4	3.2-6.4	Flat Drop	Flat Drop
Flat Drop	NO	NO	NO	NO	NO	NO	YES	NO	YES	YES	YES	ONLY	ONLY
	N/A	YES	YES	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES
	YES (4) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	N/A	YES	YES	N/A	N/A	YES (2) w/STD KIT	YES	YES	YES	YES (1) w/STD KIT	YES	YES	YES
	YES (2) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	YES (2) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	N/A	YES	YES (2) w/STD KIT	YES (2) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES
	N/A	YES	YES (2) w/STD KIT	YES (2) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES
	N/A	YES	YES	YES	YES	YES (2) w/STD KIT	YES	YES (1) w/STD KIT	YES (1) w/STD KIT	YES	YES	YES	YES
	N/A	YES	YES (2) w/STD KIT	YES	YES	YES (2) w/STD KIT	YES	YES	YES	YES	YES	YES	YES
	YES (4) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
	YES (4) w/STD KIT	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

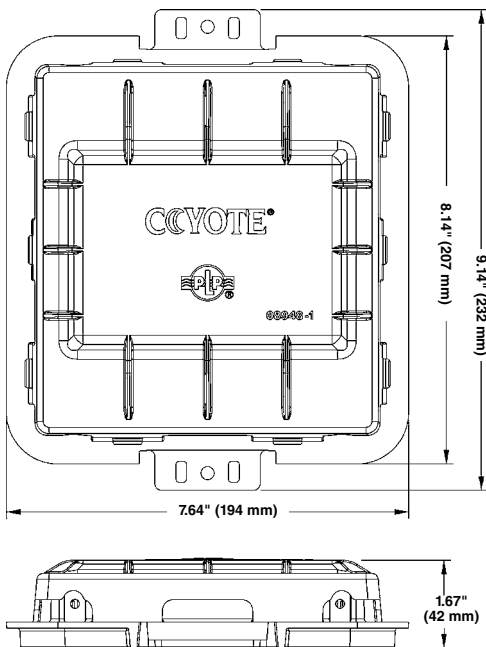
COYOTE® DTC (Drop Termination Closure)



“Versatile, compact and quick to install” is the response when asked to describe the new COYOTE® DTC (Drop Termination Closure). The closure’s compact size and rugged exterior is designed to allow for installation in tight spaces without compromising functionality. Four corner entrance ports provide the installer the flexibility to quickly configure the closure as needed.

Features:

- **Size:** 9.1" x 7.6" x 1.7" (232 mm x 194 mm x 42 mm)
- **Max. Splice Capacity:** (16) Single Fusion (splice blocks provided), (36) Ribbon/Mass Fusion (splice blocks provided)
- **Configuration:** In-line or Butt Splice
- **Port Quantity:** 4 (2 each end)
- **Application:** Direct buried, below grade, pole/wall mount or aerial
- Flexible grommet sealing technology supports a wide range of flat or round cable profiles
- Snap together design is quick to assemble. No special tools required
- Accepts cables up to .370 diameter (9.4mm)
- Tested in accordance to TR-NWT-000251 by an independent outside lab
- Internal Organiser manages buffer tube or ribbon cable
- Factory installed permanent gasket allows re-entry and re-use
- A cost effective solution for quick restoration of damaged/cut fiber service drops
- Utilizes the LITE-GRIP® Splice Block System which permits single fusion, mass fusion, mechanical, PLC splitters or a combination of all within one closure



Part No.	COYOTE® DTC Closure Kits
COYDTC-001	For flat and small drop cables. Kit includes: (4) Port Sealing Grommets for flat drop cable and .170" -.25" (4.3 - 6.4 mm) cable diameters, (2) Single Fusion Splice Blocks, (1) Ribbon Splice Block and Cable Restraint Hardware
COYDTC-002	For larger round cables. Kit includes (4) Port Sealing Grommets for .25" -.37" (6.4 - 9.4 mm) cable diameters, (2) Single Fusion Splice Blocks, (1) Ribbon Splice Block and Cable Restraint Hardware
COYDTC-003	For large round shielded drop cables. Kit includes (4) Port Sealing Grommets for .25" -.37" (6.4 - 9.4 mm) cable diameters, (4) Small Hose Clamps, (4) Cable Retention Clips, (2) Single Fusion Splice Blocks, (1) Ribbon Splice Block, Cable Restraint Hardware, (4) shield continuity clips and (2) shield continuity wire assembly
COYDTC-004	For Sumitomo PureFit™ FTTX 36 Fiber Flat Drop Cable. Kit includes (2) grommets for Sumitomo PureFit cable (2) sealing port grommets for .170"- 250" (4.3 - 6.4 mm) cable diameters (1) splice tray with (4) splice blocks, (1) buffer tube storage ring and cable restraint hardware.

Part No.	COYOTE® DTC Accessory Kits
80809960	Hose Clamp Clip Kit - Includes (4) Small Hose Clamps, (4) Cable Retention Clips
80811033	.170" - .250" (4.3 - 6.6 mm) Grommet Kit – Includes (4) Grommets
80811034	.250" - .370" (6.36 - 9.4 mm) Grommet Kit – Includes (4) Grommets



Toolless Assembly



Sealing grommets



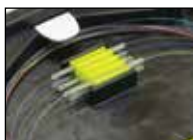
Hose Clamp Clip Kit



Wall Mount Application



Cable Entrance



Splice Block

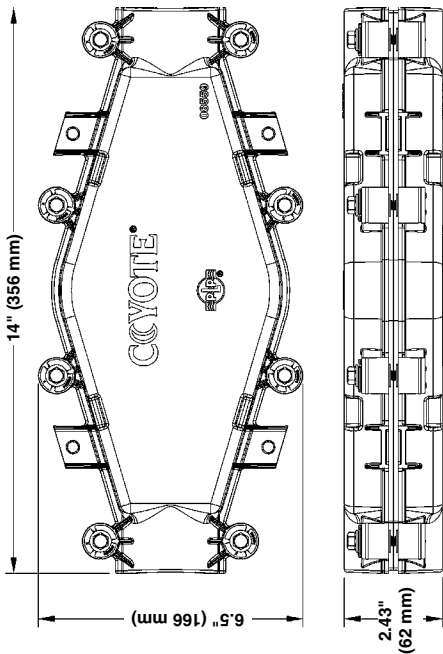
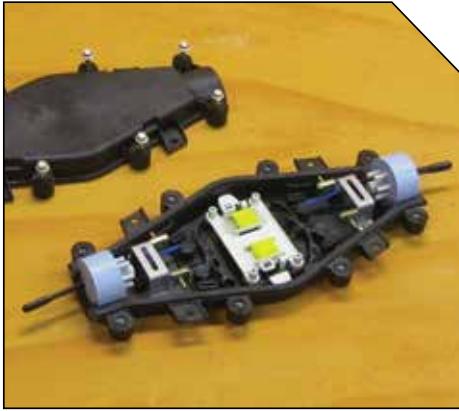


DTC Grommets

DTC	
<input checked="" type="checkbox"/>	Re-Enterable
<input checked="" type="checkbox"/>	Re-Usable
<input checked="" type="checkbox"/>	Hermetically Sealed
<input type="checkbox"/>	Free-Breathing
<input checked="" type="checkbox"/>	Aerial
<input checked="" type="checkbox"/>	Pole/Wall Mount
<input checked="" type="checkbox"/>	Below Grade
<input checked="" type="checkbox"/>	Direct Buried
<input type="checkbox"/>	Flame Retardant

Small Fiber Count Closure

COYOTE® LCC Closure



The COYOTE® LCC closure's compact size, use of the versatile grommet system and internal LITE-GRIP® Splice Platform are designed to make this rugged closure the economical choice for new installations and critical repair situations.

Features:

- **Size:** 14" L x 6.5" W x 2.4" D (356 mm x 166 mm x 62 mm)
- **Max. Splice Capacity:** (24) Single fusion, (72) Ribbon/Mass Fusion
- **Configuration:** In-line or Butt Splice
- **Port Quantity:** 2 (1 each end)
- **Application:** Direct buried, below grade, pole/wall mount or aerial
- A cost effective solution for quick restoration of damaged/cut fiber service drops
- Tested in accordance to TR-NWT-000251 by an independent outside lab
- Available in flame retardant material
- Factory installed gasket allows re-entry and re-use
- Flexible grommet sealing technology supports a wide range of flat or round cable profiles
- Quick to assemble, no special tools required
- Flat shape allows for mounting in small areas
- Utilizes the LITE-GRIP® Splice Block System which permits single fusion, mass fusion, mechanical, PLC splitters or a combination of all within one closure

Part No.	COYOTE® LCC & COYOTE® LCC Flame Retardant Closure Kits for Fiber*
COYLCC-F001	For Single Fusion. Includes: (1) 7-Hole Grommet: Part #8003676 and (1) 12-Hole Grommet: Part #8003796
COYLCC-F002	For Single Fusion. Includes: (1) Bobbin Kit, (1) 7-Hole Grommet: Part #8003676, (1) 12-Hole Grommet: Part #8003796
COYLCC-F003	For Ribbon. Includes: (2) 2-Hole Grommets: Part #8003663
COYLCC-F004	For Single Fusion. Includes: (2) 7-Hole Grommets: Part #8003676
COYLCC-F005	For Single Fusion. Includes: (2) 2-Hole Grommets: Part #8003663
COYLCC-F006	For Single Fusion. Includes: (2) 4-Hole Grommets: Part #8003664
COYLCC-F007	For Single Fusion. Includes: (1) 7-Hole Grommet: Part #8003676 and (1) 8-Hole Grommet: Part #8003677
COYLCC-F008	For Single Fusion. Includes: (1) 1-Hole Grommet: Part #8003691 and (1) 8-Hole Grommet: Part #8003677
COYLCC-F009	For Single Fusion. Includes: (2) 12-Hole Grommets: Part #8003796
COYLCC-F010	For Single Fusion. Includes: (1) Bobbin Kit, (1) 1-Hole Grommet: Part #8003691 and (1) 12-Hole Grommet: Part #8003796

All Fiber Kits Include: (2) Grommets, (3) LITE-GRIP® Splice Blocks, (1) Splice Platform, (1) Dual Strength Member Bracket, (1) L Bracket, Fiber Management Clips and Misc. Hardware.
 *For the COYOTE® LCC Flame Retardant part numbers, insert "FR" into the part number code. Ex.: COYLCCFR-F001

Part No.	COYOTE® LCC Accessories
80808633	Strength Member Bobbin Kit
80809851	Dual Strength Member Bracket Kit
8003843	Strength Member L Bracket Kit
8003793	Splice Platform Kit for Single Fusion - includes 3 splice blocks
8003794	Splice Platform Kit for Ribbon - includes 3 splice blocks
Mounting Hardware	See Mounting Bracket Chart on page 1-29

Part No.	COYOTE® LCC for Fiber Copper
COYLCC-C001	For Copper. Includes: (2) 1-Hole Grommets: Part #8003691
COYLCC-C002	For Copper. Includes: (2) 1-Hole Grommets: Part #8003692
COYLCC-C003	For Copper. Includes: (2) 1-Hole Grommets: Part #8003693
COYLCC-C004	For Copper. Includes: (1) 1-Hole Grommet: Part #8003691 and (1) 2-Hole Grommet: Part #8003663
COYLCC-C005	For Copper. Includes: (2) 4-Hole Grommets: Part #8003664

All Copper Kits Include: (2) Grommets, (2) MINI-MORAY™ Shield Connectors and (1) Bonding Strap

LCC

- Re-Enterable
- Re-Usable
- Hermetically Sealed
- Free- Breathing
- Aerial
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

Small Fiber Count Closure

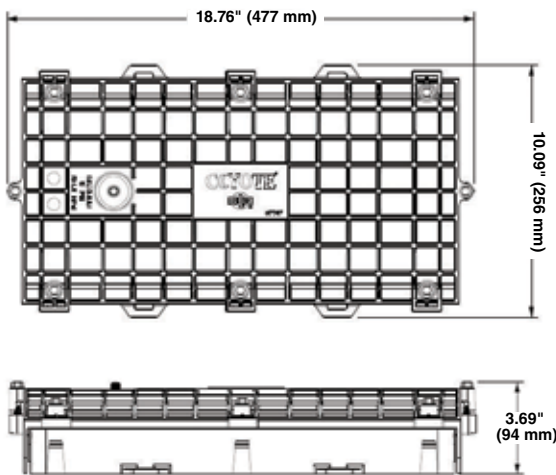
COYOTE® In-Line RUNT Closure



The COYOTE® In-Line RUNT Closure has the versatility and features that make it a perfect choice for distribution and fiber-to-the premise networks. The compact size allows the closure to be installed into pedestals and small hand holes.

Features:

- **Size:** 18.7" L x 10" W x 3.7" H (477 mm x 256 mm x 94 mm)
- **Max. Splice Capacity:** (96) Single Fusion (80809958 Tray), (144) Ribbon/Mass Fusion (LGSTR144 Tray)
- **Configuration:** In-Line or Butt/Expressed Splice
- **Port Quantity:** 4 (2 each end)
- **Application:** Direct buried, below grade, pole/wall mount or aerial
- Internal Organiser manages buffer tube or ribbon
- Standard Kit provided with (4) 8003701 grommets, customized kits available upon request
- Factory installed gasket allows re-entry and re-use
- Convertible to a COYOTE® Terminal Closure with available cover kits
- Flexible grommet sealing technology supports a wide range and quantity of flat or round cable profiles. See grommet chart on page 1-4.
- Tested in accordance to GR-771-CORE by an independent outside lab
- Available in flame retardant material
- Integrated air valve to confirm seal integrity
- Quick to assemble, no special tools required
- Flat shape allows for mounting in small areas
- Utilizes the LITE-GRIP® Splice Block System which permits single fusion, mass fusion, mechanical, PLC splitters or a combination of all within one closure



Part No.	COYOTE® In-Line RUNT Closure Kits
8006951	Hermetically Sealed
8006952	Free Breathing
80061049	Flame Retardant, Hermetically Sealed

All Kits Include: Closure Assembly, (4) 8003701 Grommets and Cable Restraint Hardware



Universal Hand Hole Mount

Part No.	COYOTE® In-Line RUNT Accessories
8003733	End Plate Kit
80807794	Hardware Bag
8003719	COYOTE® In-Line RUNT Cover Kit
8003862	Fiber Organiser Kit for Ribbon Applications
80805293	Transport Tube Kit .135" (3.4 mm) ID; includes (6) 34" (863 mm) long transport tubes
80808639	Transport Tube Kit .25" (6.3 mm) ID; includes (3) 6' (1828 mm) long transport tubes
Mounting Hardware	See Mounting Bracket Chart on page 1-29



End Plate Installation



Installed Fiber Organiser for Ribbon



Aerial Strand Mount Bracket



Pole/Wall Mount Bracket



Single Fusion Splice Applications



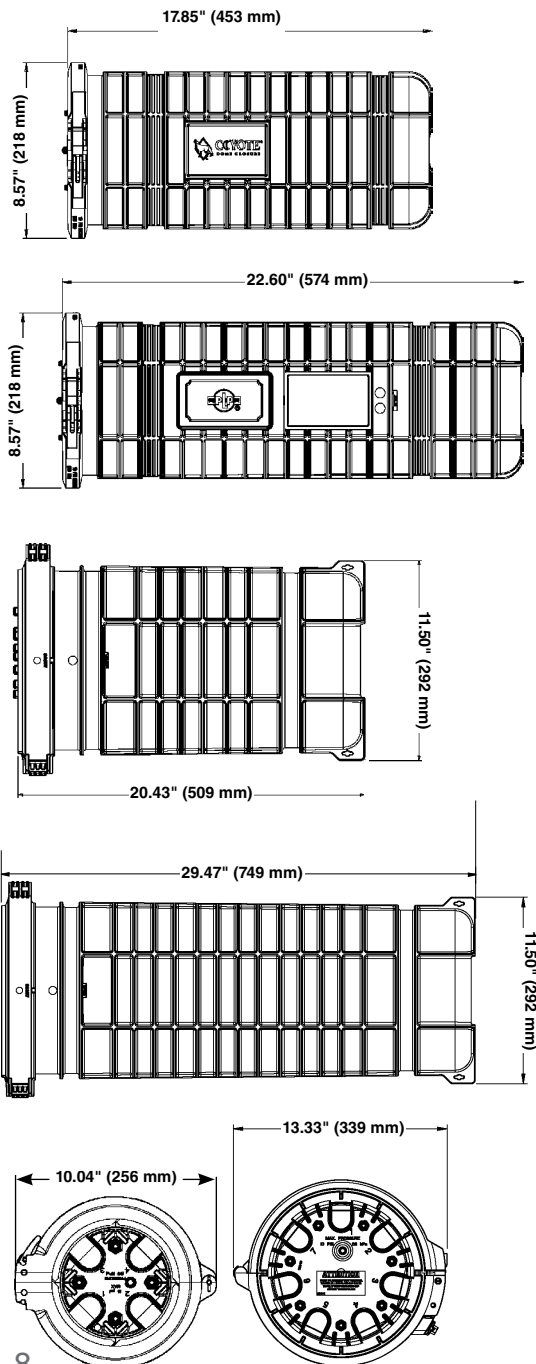
COYOTE® Flame Retardant In-Line RUNT

In-Line RUNT

- ✓ Re-Enterable
- ✓ Re-Usable
- ✓ Hermetically Sealed
- ✓ Free- Breathing
- ✓ Aerial
- ✓ Pole/Wall Mount
- ✓ Below Grade
- ✓ Direct Buried
- ✓ Flame Retardant

Small Fiber Count Closure

COYOTE® Dome Closures



The COYOTE® Dome closures have the versatility and features that make it a perfect choice for fiber-to-the-premise networks. Both the 6.5" and 9.5" dome closure designs use PLP's patented segmented end plate system which allows independent access to each cable port without disruption to surrounding cables.

Features:

- **Sizes:** 6.5" x 17" (218 mm x 453 mm), 6.5" x 22" (218 mm x 574 mm), 9.5" x 19" (292 mm x 509 mm), 9.5" x 28" (292 mm x 749 mm)
- **Max. Splice Capacity:** 6.5" x 17": (144) Single Fusion (80809958 Tray), (216) Ribbon/Mass Fusion (LGSTR144 Tray) 6.5" x 22": (240) Single Fusion (LGSTS72), (648) Ribbon/Mass Fusion (LGSTR216 Tray) 9.5" x 19": (288) Single Fusion (80809958 Tray), (720) Ribbon/Mass Fusion (LGSTR144 Tray) 9.5" x 28": (720) Single Fusion (LGSTS72), (1296) Ribbon/Mass Fusion (LGST216 Tray)
- **Configuration:** Butt/Expressed Splice
- **Port Quantity:** 4 in the 6.5" End Plate 7 in the 9.5" End Plate
- **Ground Stud Quantity:** 4 in the 6.5" End Plate 7 in the 9.5" End Plate
- **Application:** Direct buried, below grade, pole/wall mount or aerial
- Quick to assemble, no special tools required
- Tested in accordance to GR-771-CORE by an independent outside lab
- Available in flame retardant material
- Collar system allows for quick re-entry
- Segmented end plate design provides independent access to every cable
- Flexible grommet sealing technology supports a wide range and quantity of flat or round cable profiles. See grommet chart on page 1-4.
- Standard 6-1/2" Dome Kits provided with (2) 8003701 grommets. Customized kits available upon request
- Standard 9-1/2" Dome Kits provided with (2) 8003692 grommets and (2) 8003693 grommets –customized kits available upon request
- In-Line options available – Contact PLP for details





6.5" x 17" (218 x 453 mm) COYOTE® Dome Closure Kits		
Organiser	Part No.	Description
	8006944	Dome Closure with Buffer Tube/Loose Tube Organiser
	8006945	Dome Closure with Uni-tube/Ribbon Organiser
	800012940	Flame Retardant Dome with Buffer Tube Organiser
	800012941	Flame Retardant Dome with Uni-tube/Ribbon Organiser






9.5" x 19" (292 x 509 mm) COYOTE® Dome Closure Kits		
Organiser	Part No.	Description
	COYD919B-000	Dome Closure with Buffer Tube Organiser
	COYD919R-000	Dome Closure with Uni-tube/Ribbon Organiser












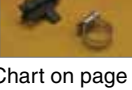
COYOTE® Dome Closures

6.5" x 22" (218 x 574 mm) COYOTE® Dome Closure Kits		
Organiser	Part No.	Description
	8006877	Dome Closure with Buffer Tube/Loose Tube Organiser
	8006878	Dome Closure with Uni-tube/Ribbon Organiser
	800012942	Flame Retardant Dome with Buffer Tube Organiser
	800012943	Flame Retardant Dome with Uni-tube/Ribbon Organiser

All 6.5" (218 mm) Dome Kits shown above include: (1) End Plate with Organiser Assembly, (1) Dome, (1) Gasket, (1) Small Parts Bag, (2) 8003701 Grommets and Cable Restraint Hardware

9.5" x 28" (292 x 749 mm) COYOTE® Dome Closure Kits		
Organiser	Part No.	Description
	80061055	Dome Closure with Buffer Tube Organiser
	80061056	Dome Closure with Uni-tube/Ribbon Organiser
	80061057	Dome Closure with Max Tray Organiser (Buffer Tube/Loose Tube or Buffered Ribbon Applications)

All 9.5" (292 mm) Dome Kits shown above include: (1) End Plate with Organiser Assembly, (1) Dome, (1) Gasket, (1) Small Parts Bag, (2) 8003692 Grommets, (2) 8003693 Grommets and Cable Restraint Hardware

COYOTE® Dome Closure Accessories					
Kit	Part No.	Description	Kit	Part No.	Description
	8003681	End Plate Kit for 6.5" (218 mm) Dome Closure		80808878	Large Strength Member Adapter Kit
	8003839	End Plate Kit for 9.5" (292 mm) Dome Closure		80808997	End Plate Gasket for 6.5" (218 mm) Dome Closures
	80808651	Long Strength Member Bracket Kit Includes 4 Brackets		80809045	End Plate Gasket for 9.5" (292 mm) Dome Closures
	80809205	Short Strength Member Bracket Kit Includes 2 Brackets		COYEPFIX1	End Plate Assembly Fixture for 6.5" (218 mm) or 9.5" (292 mm) Dome Closures
	80811036	6 Port Drop Cable Retention Bobbin Kit		80811037	4 Port Cable Retention Bobbin Kit
Mounting Hardware		See Mounting Bracket Chart on page 1-29			



9.5" Segmented End Plate - 7 Port



6.5" x 22" Dome with 288ct Buffer Tube Expressed



6.5" Dome End Plate Web Breakout



6.5" Segmented End Plate - 4 Port



End Plate Assembly Fixture

Domes

- ✓ Re-Enterable
- ✓ Re-Usable
- ✓ Hermetically Sealed
- ✓ Free- Breathing
- ✓ Aerial
- ✓ Pole/Wall Mount
- ✓ Below Grade
- ✓ Direct Buried
- ✓ Flame Retardant

Med/Large Fiber Count Closure

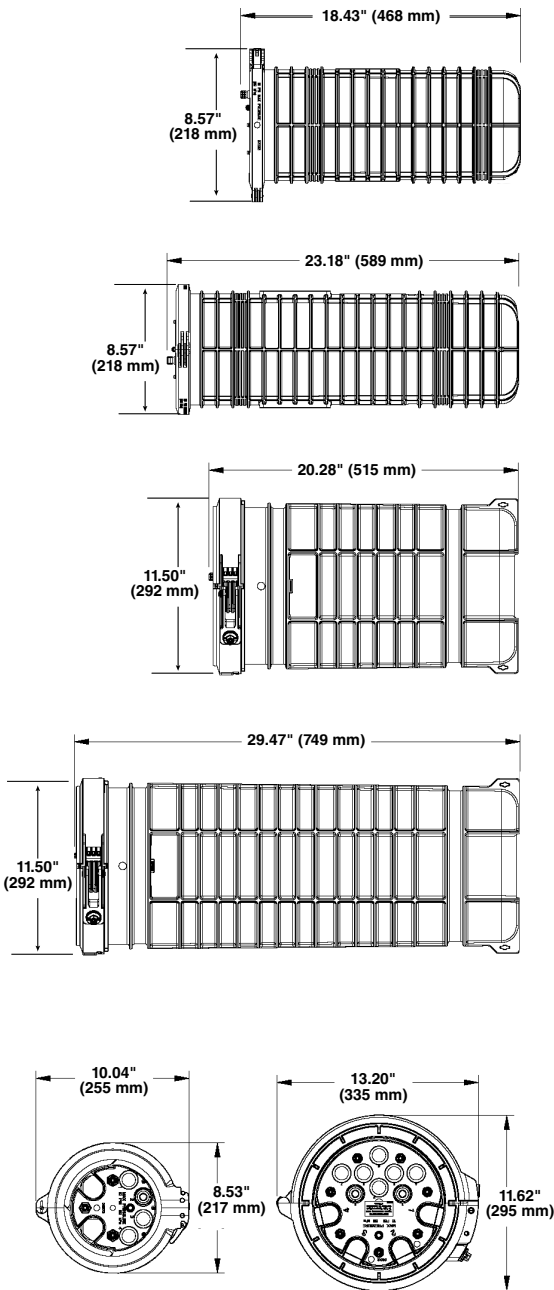
COYOTE® Terminal Dome Closure Family



COYOTE® Terminal Dome closures have the features and versatility ideal for supporting rural broadband networks. These applications involve construction of a network spread over great distances to serve smaller customer groups. Selection of a closure system to help drive the cost per subscriber down is critical. Each COYOTE® Terminal Dome Closure contains externally mounted OptiTap™ hardened adapters to support customer drop connections without entering the closure, a patented segmented end plate design to permit independent access to each cable port and internal Organisers to contain a large volume of expressed fiber. When combined with PLP's versatile grommet system, the COYOTE® Terminal Dome Closure provides tremendous flexibility at each splice point.

Features:

- **Sizes:** 6.5" x 17" (218 mm x 453 mm), 6.5" x 22" (218 mm x 574 mm) 9.5" x 19" (292 mm x 509 mm), 9.5" x 28" (292 mm x 749 mm)
- **Max. Splice Capacity:** 6.5" x 17" (218 mm x 453 mm): (144) Single Fusion (80809958 Tray), (216) Ribbon/Mass Fusion (LGSTR144 Tray) 6.5" x 22" (218 mm x 574 mm): (240) Single Fusion (LGSTR72 Tray), (648) Ribbon/Mass Fusion (LGSTR216 Tray) 9.5" x 19" (292 mm x 509 mm): (288) Single Fusion (80809958 Tray), (720) Ribbon/Mass Fusion (LGSTR144 Tray) 9.5" x 28" (292 mm x 749 mm): (432) Single Fusion (LGSTR72 Tray), (1296) Ribbon/Mass Fusion (LGSTR216 Tray)
- **Configuration:** Butt/Expressed Splice
- **Port Quantity:** 2 in the 6.5" (218 mm) End Plate 4 in the 9.5" (292 mm) End Plate
- **Ground Stud Quantity:** 4 in the 6.5" (218 mm) End Plate 7 in the 9.5" (292 mm) End Plate
- **Application:** Below grade, pole/wall mount or aerial
- Quick to assemble, no special tools required
- Tested in accordance to GR-771-CORE
- Collar system allows for quick re-entry
- Patented segmented end plate design provides independent access to every cable port
- Flexible grommet sealing technology supports a wide range and quantity of flat or round cable profiles. See grommet chart on page 1-4. OptiTap™ is a registered trademark of Corning Cable Systems



Installing Optical Drop Cable Assembly Connector



Installing Pigtail Connections



9.5" (292 mm) Segmented End Plate - 4 Port



6.5" (218 mm) Segmented End Plate - 2 Port



Independent Access



6.5" (218 mm) Dome End Plate Web Breakout



Securable Latching Collar



Integrated Air Valve for Flash Testing



Field Installation of Hardened Adapter


COYOTE® Terminal Dome Closure Family

COYOTE® 6.5" x 17" (218 x 453 mm) Terminal Dome Closures			
Part No.	Applications	Adapter Qty	Plug Qty
COYTD617B0-000	Buffer Tube	0	4
COYTD617B2-000	Buffer Tube	2	2
COYTD617B4-000	Buffer Tube	4	0
COYTD617R0-000	Uni-tube/Ribbon	0	4
COYTD617R2-000	Uni-tube/Ribbon	2	2
COYTD617R4-000	Uni-tube/Ribbon	4	0

COYOTE® 6.5" x 22" (218 x 574 mm) Terminal Dome Closures			
Part No.	Applications	Adapter Qty	Plug Qty
COYTD622B0-000	Buffer Tube	0	4
COYTD622B2-000	Buffer Tube	2	2
COYTD622B4-000	Buffer Tube	4	0
COYTD622R0-000	Uni-tube/Ribbon	0	4
COYTD622R2-000	Uni-tube/Ribbon	2	2
COYTD622R4-000	Uni-tube/Ribbon	4	0

All Kits Include: (1) End Plate with Organiser Assembly, (1) Splice Tray, (2) 8003701 Grommets, (1) Dome, (1) Gasket, Cable Restraint Hardware and Pigtail Kit

COYOTE® Terminal Closure Accessories Kits		
Kit	Part No.	Description
	80807972	Hardened Adapter Installation Tool
	8003715	Hardened Adapter Kit with Installation Tool
	8003724	Plug Kit with Installation Tool
	Contact PLP	Optical Drop Cable Assemblies
	80811036	6 Port Drop Cable Retention Bobbin Kit
	80811037	4 Port Cable Retention Bobbin Kit

COYOTE® Terminal Closure Accessories Kits		
Kit	Part No.	Description
	COYTRM-2PK-SCA	2 Pc, SCAPC Pigtail Kit
	COYTRM-3PK-SCA	3 Pc, SCAPC Pigtail Kit
	COYTRM-4PK-SCA	4 Pc, SCAPC Pigtail Kit
Mounting Hardware		See Mounting Bracket Chart on page 1-29

COYOTE® 9.5" x 19" (292 x 509 mm) Terminal Dome Closures			
Part No.	Applications	Adapter Qty	Plug Qty
COYTD919B0-000	Buffer Tube	0	8
COYTD919B2-000	Buffer Tube	2	6
COYTD919B4-000	Buffer Tube	4	4
COYTD919B6-000	Buffer Tube	6	2
COYTD919B8-000	Buffer Tube	8	0
COYTD919R0-000	Uni-tube/Ribbon	0	8
COYTD919R2-000	Uni-tube/Ribbon	2	6
COYTD919R4-000	Uni-tube/Ribbon	4	4
COYTD919R6-000	Uni-tube/Ribbon	6	2
COYTD919R8-000	Uni-tube/Ribbon	8	0

COYOTE® 9.5" x 28" (292 x 749 mm) Terminal Dome Closures			
Part No.	Applications	Adapter Qty	Plug Qty
COYTD928B0-000	Buffer Tube	0	8
COYTD928B2-000	Buffer Tube	2	6
COYTD928B4-000	Buffer Tube	4	4
COYTD928B6-000	Buffer Tube	6	2
COYTD928B8-000	Buffer Tube	8	0
COYTD928R0-000	Uni-tube/Ribbon	0	8
COYTD928R2-000	Uni-tube/Ribbon	2	6
COYTD928R4-000	Uni-tube/Ribbon	4	4
COYTD928R6-000	Uni-tube/Ribbon	6	2
COYTD928R8-000	Uni-tube/Ribbon	8	0

All Kits Include: (1) End Plate with Organiser Assembly, (2) 8003663, (1) Splice Tray, (2) 8003692 Grommets, (1) Dome, (1) Gasket, Cable Restraint Hardware and Pigtail Kit



COYOTE®
6.5" x 17"



COYOTE®
9.5" x 19"

Terminal

- Re-Enterable
- Re-Usable
- Hermetically Sealed
- Free- Breathing
- Aerial
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

Specialty Closures

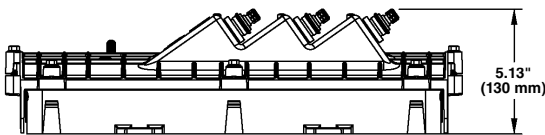
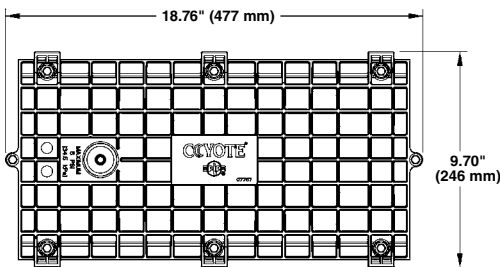
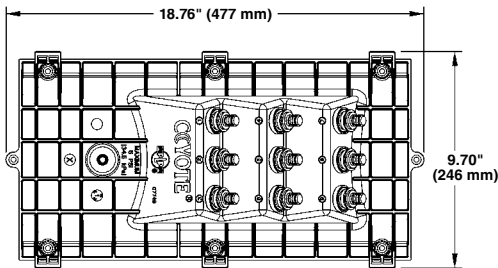
COYOTE® Terminal Closure Family



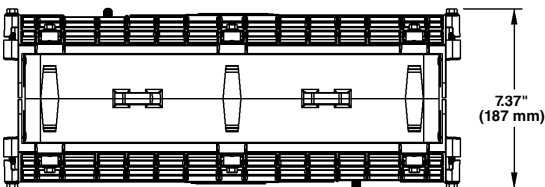
The COYOTE® Terminal Closure is the ideal choice for network designs that can be adapted as your network grows. Externally mounted OptiTap™ hardened adapters allow for future installation of drops without closure re-entry. Additional drop capacity can be achieved through cable entry ports in the closure base, providing additional flexibility to support closures deeper in your network. The patented dual chamber design provides two distinct chambers that can be configured differently. A sealed window designed within the dual chamber allows fiber to be passed between chambers. The COYOTE® Terminal Closure family is the best choice for networks today where change is the only constant.

Features:





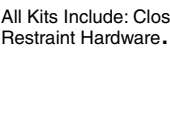



- **Size:** See images
- **Max. Splice Capacity:** Single Chamber: (96) Single Fusion(80809958 Tray) (144) Mass Fusion (LGSTR144) Dual Chamber: (192) Single Fusion (80809958 Tray) (288) Mass Fusion (LGSTR144)
- **Configuration:** In-Line or Butt/Expressed Splice
- **Port Quantity:** Single Chamber: 4 Dual Chamber: 8
- Designed to permit field installation/removal of hardened adapters
- Provided standard with SC/APC pigtail kits
- Internal Organiser manages buffer tube or ribbon
- Integrated air valve to confirm seal integrity
- Tested in accordance to Telcordia GR-771-CORE
- Standard single and dual chamber terminals provided with (4) 8003701 grommets. Customized kits available upon request
- Flexible grommet sealing technology supports a wide range and quantity of flat or round cable profiles. See grommet chart on page 1-4



Single Chamber Terminal Closure






Dual Chamber Terminal Closure with 2 Standard Covers

COYOTE® Dual Chamber Terminal Closures								
Closure	Part No.	Cover 1	Adapter Qty	Plug Qty	Cover 2	Adapter Qty	Plug Qty	Total No. of Adapters
	80061029	6-Port	6	0	Standard	N/A	N/A	6
	80061030	6-Port	5	1	6-Port	5	1	10
	800011830	6-Port	6	0	6-Port	6	0	12
	8006991	9-Port	8	1	Standard	N/A	N/A	8
	800012140	9-Port	9	0	Standard	N/A	N/A	9
	800012605	12-Port	12	0	12-Port	12	0	24
	800011839	Standard	N/A	N/A	Standard	N/A	N/A	0
	8006956 ¹	Standard	N/A	N/A	Standard	N/A	N/A	0


All Kits Include: Closure Assembly, (4) 8003701 Grommets, (1) 80807701 Splice Tray, Pigtails and Cable Restraint Hardware. ¹8006956 Contains Internal Bulkhead with 6 SCAPC Adapters.


OptiTap™ is a trademark of Corning Cable Systems.

COYOTE® Terminal Closure Family

6-Port COYOTE® Single Chamber Terminal Closures			
Closure	Part No.	Adapter Qty	Plug Qty
	800012002	2	4
	8006993	3	3
	8006953	4	2
	8006954	6	0
9-Port COYOTE® Single Chamber Terminal Closures			
	8006955	8	1
	800012003	9	0
12-Port COYOTE® Single Chamber Terminal Closures			
	80061067	12	0

All Kits Include: Closure Assembly, (4) 8003701 Grommets, (1) 80807701 Splice Tray, Pigtails and Cable Restraint Hardware

Max. 9-Port COYOTE® Terminal Closure Cover Kits			
Closure	Part No.	Adapter Qty	Plug Qty
	80808739	0	9
	80808746	2	7
	80808881	3	6
	80808259	4	5
	80808789	6	3
	80807792	8	1
	80808161	9	0

Max. 12-Port COYOTE® Terminal Closure Cover Kits			
Closure	Part No.	Adapter Qty	Plug Qty
	80808760	2	10
	80808879	3	9
	80808759	4	8
	80808758	6	6
	80808757	8	4
	80808756	9	3
	80808755	10	2
	80808475	12	0

COYOTE® Terminal Closure Accessories Kits		
Closure	Part No.	Description
	80807972	Hardened Adapter Installation Tool
	8003715	Hardened Adapter Kit with Installation Tool
	8003724	Plug Kit with Installation Tool
	Contact PLP	Optical Drop Cable Assemblies
	COYTRM-2PK-SCA	2 Pc, SCAPC Pigtail Kit
	COYTRM-3PK-SCA	3 Pc, SCAPC Pigtail Kit
	COYTRM-4PK-SCA	4 Pc, SCAPC Pigtail Kit
Mounting Hardware		See Mounting Bracket Chart on page 1-29



End Plate Installation



Hardened Adapters



OptiTap Cable plugged into Terminal Closure



Hardened Adapters



Removable Plugs



Pigtail Connections



Dual Chamber with 9 Port Terminal Cover



COYOTE® Terminal with Strand Mount Bracket



Terminal Closure Family



PN: 8006956 COYOTE® Dual Chamber Terminal Closure

Terminal

- Re-Enterable
- Re-Usable
- Hermetically Sealed
- Free- Breathing
- Aerial
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

Specialty Closures

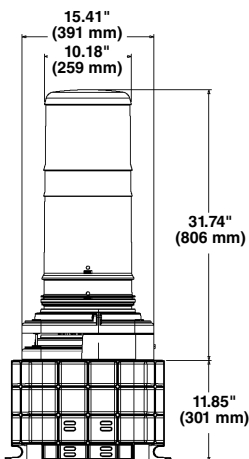
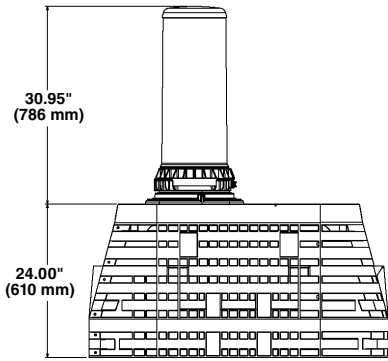
COYOTE® GLC (Ground Level Closure)



PLP introduces the COYOTE® GLC (Ground Level Closure), the first truly hermetically sealed pedestal system and the only pedestal system with PLP's patented segmented end plate design. GLC is the first design that doesn't force you to work where it's installed and this unique design permits a high volume of uncut slack cable storage if needed.




Features:

- **Size:** 9.5" x 17" (292 x 453 mm) or 9.5" x 28" (292 x 749 mm) Dome Enclosures
- **Sealed System:** Hermetically sealed dome eliminates potential for water intrusion and prevents invasion of insects
- **Cost Effective:** Sealed dome closure with integral slack storage base eliminates need to purchase separate components
- **Sealable, Re-Enterable, and Re-Usable:** Utilizes the same silicone grommet sealing system and segmented end plate design that is found throughout the COYOTE® Dome Closure Family
- **Transportable:** Slack storage of uncut cable allows dome enclosure to be carried to a splice truck or other suitable working environment
- **Adjustable:** Stackable spacer system adapts to the base for changing grade levels
- **Independent Grounding System:** Accessible isolated grounding system that allows ground testing to occur without entering the splice enclosure
- **Durable:** Manufactured out of a flame and impact resistant polymer
- **Securable:** Collar latch mechanism allows attachment of different security devices
- **Modular:** Split design allows parts to be added or replaced without disrupting other assembled components
- **Customizable:** Create the closure that fits your application needs
- Patent Pending



Selections for Fiber Optic Cables with Diameters of up to .60" (15mm)

Selections for Fiber Optic Cables with Diameters of up to 1.25" (32mm)

Base Selection for 17" (453 mm) GLC	Small Base 17" x 17" x 13" (431 x 431 x 330mm)	Large Base w/Cover & Plug 24" x 36" x 24" (609 x 914 x 609mm)	Large Base w/Cover, No Plug 24" x 36" x 24" (609 x 914 x 609mm)
			
Part No.	COYGLC-B-000	COYGLC-C4-000	COYGLC-C4-001

Selections for Fiber Optic Cables with Diameters of up to .60" (15mm)

Selections for Fiber Optic Cables with Diameters of up to 1.25" (32mm)

Cover Selection	Cover Kit for Small Base	Large Base Cover with Plug	Large Base Cover, No Plug
			
Part No.	80809781	COYGLC-C4-002	COYGLC-C4-003



Installed 28" (749 mm) GLC with Grounding Spacer



Installed 17" (453 mm) GLC with Grounding Spacer



Spacer Installation



Segmented End Plate Design




Slack Cable Storage in Small Base

COYOTE® GLC (Ground Level Closure)

17" (453 mm) Organiser Selection	Universal Organiser (For Buffer Tube or Ribbon Cables)	Max. Tray & Storage Organiser (For Buffer Tube Cable Only)	Cross-Connect Organiser (See GLC Splitters & Connectivity Accessory on Page 1-17 for Options)	OptiTap™ Organiser (For Pre-Connectorized Hardened Drop Cables)
				
Part No.	COYGLC-F1-000	COYGLC-F2-000	COYGLC-F3-000	COYGLC-F4-000

Spacer Selections for Small Base

Spacer System raises the base height by 3" for adjustment to ground level.



Part No. COYGLC-S1-000

Grounding Spacer
7 Isolated Connections Max.




Part No. COYGLC-S2-000

Dual Grounding Spacer
14 Isolated Connections Max.



Part No. COYGLC-S3-000

Splice Tray Selections for 17" (453 mm) Organisers	24ct Low Profile LITE-GRIP® Short Tray (Single Fusion)		40ct Deep Profile LITE-GRIP® Short Tray (Single Fusion)		144ct Deep Profile LITE-GRIP® Short Tray (Ribbon/Mass Fusion)	
						
Part No.	80809958		80808945		LGSTR144	
Organiser Type	Tray Count	Splice Capacity	Tray Count	Splice Capacity	Tray Count	Splice Capacity
COYGLC-F1-000	4	96	2	80	2	288
COYGLC-F2-000	13	312	6	240	6	864
COYGLC-F3-000	4	96	2	80	2	288
COYGLC-F4-000	4	96	2	80	2	288

Standard 17" (453 mm) COYOTE® GLC Kits		Base Type		Organiser Type				Spacer Type		
Part No.	Description	Small	Large	F1	F2	F3	F4	S1	S2	S3
COYGLC-F1-000	Dome, Universal Organiser and Platform			X						
COYGLC-F1B-000	Dome, Universal Organiser, Platform and Base	X		X						
COYGLC-F1B-100	Dome, Universal Organiser, Platform, Base and Grd Spacer	X		X					X	
COYGLC-F2-000	Dome, Buffer Tube Organiser and Platform				X					
COYGLC-F2B-000	Dome, Buffer Tube Organiser, Platform and Base	X			X					
COYGLC-F2B-100	Dome, Buffer Tube Organiser, Platform, Base and Grd Spacer	X			X				X	
COYGLC-F3-000	Dome, Cross-Connect Organiser (Empty) and Platform					X				
COYGLC-F3B-000	Dome, Cross-Connect Organiser (Empty), Platform and Base	X				X				
COYGLC-F3B-100	Dome, Cross-Connect Organiser (Empty), Platform, Base and Grd Spacer	X				X			X	
COYGLC-F4-000	Dome, OptiTap Organiser (Empty) and Platform						X			
COYGLC-F4B-000	Dome, OptiTap Organiser (Empty), Platform and Base	X					X			
COYGLC-F4B-100	Dome, OptiTap Organiser (Empty), Platform, Base and Grd Spacer	X					X		X	

GLC

- Re-Enterable
- Re-Usable
- Hermetically Sealed
- Free- Breathing
- Aerial
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

Specialty Closures

All COYOTE® GLC Kits listed above include the green GLC dome, small base, Organiser assembly, gasket, collar, (2) 8003663 grommets, (1) 8003664 grommet, (1) 8003665 grommet, (1) 80808945 Splice Tray and cable restraint hardware. Cross-Connect Organisers require additional selections of the adapter and pigtail accessories shown on page 1-17. Custom configurations of the COYOTE® GLC are available upon request.


COYOTE® GLC (Ground Level Closure)




Selections for Fiber Optic Cables with Diameters of up to .60" (15mm)

Selections for Fiber Optic Cables with Diameters of up to 1.25" (32mm)

Selections for Fiber Optic Cables with Diameters of up to .60" (15mm)

Selections for Fiber Optic Cables with Diameters of up to 1.25" (32mm)

Base Selection for 28" (749 mm) GLC	Small Base 17" x 17" x 13" (431 x 431 x 330mm)	Large Base w/Cover & Plug 24" x 36" x 24" (609 x 914 x 609mm)	Large Base w/Cover, No Plug 24" x 36" x 24" (609 x 914 x 609mm)
			
	Part No. COYGLC-B-000	Part No. COYGLC-C4-000	Part No. COYGLC-C4-001

Cover Selection	Cover Kit for Small Base	Large Base Cover with Plug	Large Base Cover, No Plug
			
	Part No. 80809781	Part No. COYGLC-C4-002	Part No. COYGLC-C4-003

28" (749 mm) Organiser Selection	28" (749 mm) Universal Organiser For Buffer Tube or Ribbon Cable	28" (749 mm) Max. Tray & Storage Organiser For Buffer Tube Cable Only	28" (749 mm) Cross-Connect Organiser* (See GLC Splitters and Connectivity Accessory on Page 1-17 for Options)
			
	Part No. COYGLC-F5-000	Part No. COYGLC-F6-000	Part No. COYGLC-F7-000

Spacer Selections for Large Base	
Spacer System raises the base height by 3" (76 mm) for adjustment to ground level.	
	
Part No.	COYGLC-S4-000
Grounding Spacer 7 Isolated Connections Max.	
	
Part No.	COYGLC-S5-000
Dual Grounding Spacer 14 Isolated Connections Max.	
	
Part No.	COYGLC-S6-000

Splice Tray Selections for 28" (749 mm) Organisers	LITE-GRIP® Long 36ct Standard Profile (Single Fusion)	LITE-GRIP® Long 36ct Deep Profile (Single Fusion/Double Stack)	LITE-GRIP® Long 216ct Deep Profile (Ribbon /Mass Fusion)			
						
	Part No. 80810086	Part No. LGSTS72	Part No. LGSTR216			
Organiser Type	Tray Count	Splice Capacity	Tray Count	Splice Capacity	Tray Count	Splice Capacity
COYGLC-F5-000	5	180	4	288	4	864
COYGLC-F6-000	9	324	6	432	N/A	N/A
COYGLC-F7-000	5	180	4	288	N/A	N/A





Standard 28" (711 mm) COYOTE® GLC Kits		Base Type		Organiser Type			Spacer Type		
Part No.	Description	Small	Large	F5	F6	F7	S1	S2	S3
COYGLC-F5-000	Dome, Universal Organiser and Platform			X					
COYGLC-F5-100	Dome, Universal Organiser, Platform and Grd Spacer			X				X	
COYGLC-F6-000	Dome, Buffer Tube Organiser and Platform				X				
COYGLC-F6-100	Dome, Buffer Tube Organiser, Platform and Grd Spacer				X			X	
COYGLC-F7-000	Dome, Cross-Connect Organiser (Empty) and Platform					X			
COYGLC-F7-100	Dome, Cross-Connect Organiser (Empty) and Platform and Grd Spacer					X		X	





All COYOTE® GLC Kits listed above include the green GLC dome, Organiser assembly, gasket, collar, (2) 8003692 grommets, (2) 8003663 grommets, (1) LGSTS72 Splice Tray and cable restraint hardware. Both types of bases can be used with the 28" (749 mm) GLC dome providing the proper size base is selected for the cable diameters being used - small base for cables .60" (15.2mm) or less and large base for cables greater than .60". (15 mm) Cross-Connect Organisers require additional selections of the adapter and pigtail accessories shown on page 1-17. Custom configurations of the COYOTE® GLC are available upon request.


*Maximum of 96 Connections, Maximum of 8 buffer tubes can be expressed.

COYOTE® GLC (Ground Level Closure)

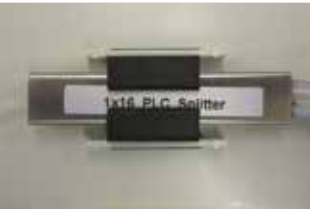
GLC Splitters and Connectivity Accessories

SC/APC Adapter Plates	6 SC/APC Adapter Module	8 SC/APC Adapter Module	12 SC/APC Adapter Module	12 LC/APC Adapter Module
				
Part No.	6SCAPC	8SCAPC	12SMDSCA	12SMLCA




SC/UPC Adapter Plates	6 SC/UPC Adapter Module	8 SC/UPC Adapter Module	12 SC/UPC Adapter Module	12 LC/UPC Adapter Module
				
Part No.	6SMSC	8SMSC	12SMDSC	12SMLC

GLC Pigtail Bundle Kits		Connector Type	4 Fiber Pigtail Bundles Part Number	8 Fiber Pigtail Bundles Part Number	12 Fiber Pigtail Bundles Part Number	16 Fiber Pigtail Bundles Part Number	32 Fiber Pigtail Bundles Part Number
		SC/APC	COYGLC-4FB-SCA	COYGLC-8FB-SCA	COYGLC-12FB-SCA	COYGLC-16FB-SCA	COYGLC-32FB-SCA
		SC/UPC	COYGLC-4FB-SCU	COYGLC-8FB-SCU	COYGLC-12FB-SCU	COYGLC-16FB-SCU	COYGLC-32FB-SCU
		LC/APC	COYGLC-4FB-LCA	COYGLC-8FB-LCA	COYGLC-12FB-LCA	COYGLC-16FB-LCA	COYGLC-32FB-LCA
		LC/UPC	COYGLC-4FB-LCU	COYGLC-8FB-LCU	COYGLC-12FB-LCU	COYGLC-16FB-LCU	COYGLC-32FB-LCU

Note: All Pre-Connectorized Splitters require special trays to retain splitter. See table below.

GLC Connectorised PLC Splitters		1 x 8 GLC PLC Connectorised Splitters (24" Output Legs)		1 x 16 GLC PLC Connectorised Splitters (24" Output Legs)		1 x 32 GLC PLC Connectorised Splitters (24" Output Legs)	
		Connector Type	Part Number	Part Number		Part Number	
		SC/APC	COYGLC-1X8-SCA	COYGLC-1x16-SCA		COYGLC-1x32-SCA	
		SC/UPC	COYGLC-1X8-SCU	COYGLC-1x16-SCU		COYGLC-1x32-SCU	
		LC/APC	COYGLC-1X8-LCA	COYGLC-1x16-LCA		COYGLC-1x32-LCA	
LC/UPC	COYGLC-1X8-LCU	COYGLC-1x16-LCU		COYGLC-1x32-LCU			

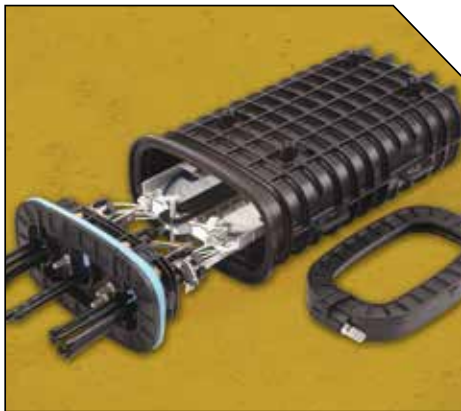
Note: See table below for special splice trays to retain splitters.

LITE-GRIP Short Splitter Trays	LITE-GRIP® Splitter Tray for 1x8 and 1x16 Connectorised Splitters	LITE-GRIP Splitter Tray for 1x32 Connectorised Splitters	LITE-GRIP Splitter Tray for Standard Splitters and 1x4 Connectorised Splitter
			
Part No.	LGSTS1x816PC	LGSTS1x32PC	LGSTS-SPLIT

Accessory Selections	Dome Collar Lock Assembly	42" (1066 mm) Small Base Retention Stake with Anchor Plate	Retention Stake Driver Cap	Shield Connector	Express Fiber Storage Ring for Deep Profile LITE-GRIP Splice Trays
					
Part No.	80809793	80809788	80809791	80803989	80808613

GLC		Specialty Closures
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<input checked="" type="checkbox"/>	Re-Usable	
<input checked="" type="checkbox"/>	Hermetically Sealed	
<input type="checkbox"/>	Free- Breathing	
<input type="checkbox"/>	Aerial	
<input type="checkbox"/>	Pole/Wall Mount	
<input type="checkbox"/>	Below Grade	
<input type="checkbox"/>	Direct Buried	
<input checked="" type="checkbox"/>	Flame Retardant	

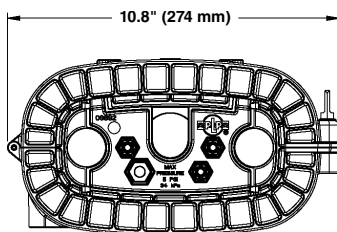
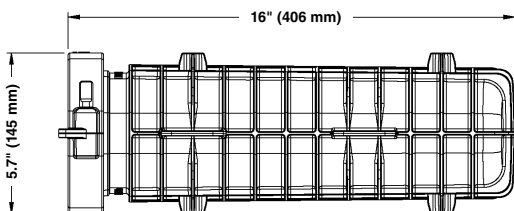
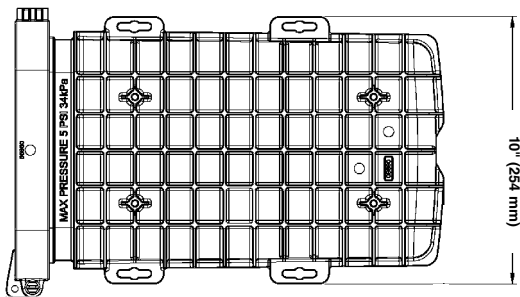
COYOTE® ONE Dome Closure



The COYOTE® ONE Dome Closure is the latest addition to PLP's line of dome closures and will soon become the one to specify. The COYOTE® ONE is designed with PLP's patented segmented end plate which allows independent access to each cable port. The dome design with hinged collar speeds assembly and simplifies re-entry. When combined with PLP's versatile grommet system and LITE-GRIP® splice trays, the COYOTE® ONE has the capacity to support 120 single fusion or 144 mass fusion splices. Compact size and a full line of accessories make this new closure the ONE to choose.

Features:

- **Size:** 16" L x 10" W x 5.7" H (406 mm x 254 mm x 145 mm)
- **Max. Splice Capacity:** (120) Single Fusion (80809958 Tray), (144) Mass Fusion (LGSTR144 Tray)
- **Configuration:** Butt/Expressed Splice
- **Port Quantity:** 3
- **Ground Stud Quantity:** 3
- Hinged collar system allows for quick re-entry. No special tools required
- Integrated air valve for flash testing closure seal
- Tested in accordance to Telcordia GR-771-CORE
- Direct buried, manhole, aerial or pole/wall mount
- Flexible grommet sealing system supports a wide range and quantity of flat or round cable profiles. See grommet chart on page 1-4.
- Ideal for FTTH deployment and back-haul networks



Part No.	COYOTE® ONE Dome Closure Kits
COY1-001	COYOTE® ONE with Buffer Tube Organiser
COY1-002	COYOTE® ONE with Universal Organiser for Ribbon or Buffer Tube

All Kits Include: End Plate with Organiser Assembly, Dome, Gasket, (2) 8003663 Grommets, (1) 8003665 Grommet and Cable Restraint Hardware

Part No.	COYOTE® ONE Accessories
80811036	6 Port Drop Cable Retention Bobbin Kit
80811037	4 Port Cable Retention Bobbin Kit
Mounting Hardware	See mounting bracket chart on page 1-29



3 Port Segmented End Plate



COYOTE® ONE for Buffer Tube Applications



Universal Organiser



Toolless Securable Collar



6 Port Cable Retention Bobbin



Low Clearance Strand Mounting Bracket










Pole/Wall Mount Bracket

ONE

- Re-Enterable
- Re-Usable
- Hermetically Sealed
- Free- Breathing
- Aerial
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

Medium Fiber Count Closure

COYOTE® Cross-Connect Closures

COYOTE® Closure Accessories Kits							
Closure	Description	Applications Options	Cable Entrance Port Qty.	Max Adapter Connection Qty	Max Splice Capacity	Part Number	Comments
	COYOTE® DTC Cross-Connect	In-Line or Butt	4 (2 each end)	2 (single SC) or 2 quad LC)	16 (Splice blocks provided with kit)	(2) SCAPC 800013911	Includes (2) SCAPC Adapters and (4) Pigtails
						800013853	No Adapters or Pigtails included, see options below
	COYOTE® LCC Cross-Connect	In-Line or Butt	2 (1 each end)	4 (2 dual SC) or 2 quad LC)	16 (Splice blocks provided with kit)	800013854	No Adapters or Pigtails included
	COYOTE® In-Line RUNT Cross-Connect	In-Line or Butt/ Express Splice	4 (1 each end)	8 (single SC) or 8 (dual LC)	48 (2 -80809958 Trays)	(6) SCAPC 80061172	Includes (6) SCAPC Adapters and (12) Pigtails, (1) Splice Tray and Grommets
						(8) SCAPC 80061173	Includes (8) SCAPC Adapters and (16) Pigtails, (1) Splice Tray and Grommets
	COYOTE® Dual Chamber Cross-Connect	In-Line or Butt/ Express Splice	6 (4 one end, 2 opposite end)	8 (single SC)	96 (4 -80809958 Trays)	8006956	Kit includes (6) SCAPC Adapters and Pigtails, (1) Splice Tray, (4) 8003701 Grommets and Cable restraint hardware
	COYOTE® ONE Cross-Connect	Butt/ Express Splice	3	6 (single SC) 12 (6 dual SC) 16 (8 dual LC)	48 (2 -80809958 Trays)	800013856	No Adapters or Pigtails included
	COYOTE® Dome 6.5" x 17" (218 mm x 453 mm) Cross-Connect	Butt/ Express Splice	4	6 (single SC) 12 (6 dual SC) 16 (8 dual LC)	96 (4 -80809958 Trays)	CXD61701	No Adapters or Pigtails included
	COYOTE® Dome 6.5" x 22" (218 mm x 574 mm) Cross-Connect	Butt/ Express Splice	4	12 (single SC) 24 (12 dual SC) 32 (16 dual LC)	96 (4 -80809958 Trays)	CXD62201	No Adapters or Pigtails included

COYOTE® Splitters



The Splitter Modules utilize PLC chips manufactured with Plasma Chemical Vapor Deposition (P-CVD) technology, and its patented fabrication process for providing stable optical specifications. The Modules' silica on silica waveguide and optical fiber array are tested to Telcordia GR-1209 and GR-1221. The splitters are designed to have low insertion loss, low polarization dependent loss (PDL), and high port uniformity.

Features:

- 1 x 4, 1 x 8, 1 x 16, and 1 x 32
- Telcordia GR-1209 and GR-1221 qualified
- Low Insertion Loss, PDL
- High output uniformity
- Compact package
- Connectorised versions available upon request

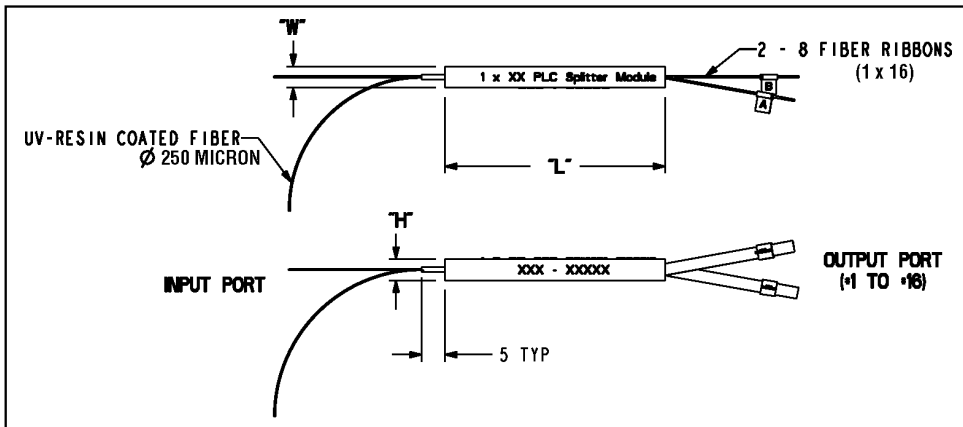
Splitter Part No.	Splitter Ratio	Use with Splice Tray Kit Part No.
COYSP1x4	1 x 4	80808945, LGSTR144, LGSTS72, LGSTR216, 80808524, 80808525, 80806033, 80805514
COYSP1x8	1 x 8	80808945, LGSTR144, LGSTS72, LGSTR216, 80808524, 80808525, 80806033, 80805514
COYSP1x16	1 x 16	80808945, LGSTR144, LGSTS72, LGSTR216, 80808524, 80808525, 80805514
COYSP1x32	1 x 32	80808945, LGSTR144, LGSTS72, LGSTR216, 80808524, 80808525, 80805514

PLC Splitter Specifications	Units	1 x 4	1 x 8	1 x 16	1 x 32
Operating Wavelength	nm	1260 - 1650	1260 - 1650	1260 - 1650	1260 - 1650
Insertion Loss Max.	dB	7.2 ¹ Max. 8.0 ² Typ. 7.7 ²	10.5 ¹ Max. 11.5 ² Typ. 11.0 ²	13.5 ¹ Max. 14.5 ² Typ. 14.2 ²	16.5 ¹ Max. 17.5 ² Typ. 17.2 ²
Uniformity Max.	dB	0.6 ¹	0.8 ¹	1.2 ¹	1.7 ¹
PDL Max.	dB	0.2 ¹	0.3 ¹	0.3 ¹	0.3 ¹
Return Loss Min.	dB	55.0 ¹	55.0 ¹	55.0 ¹	55.0 ¹
Directivity Min.	dB	55.0	55.0	55.0	55.0
Operating Temperature	°C	-40 to +85	-40 to +85	-40 to +85	-40 to +85
Pigtails	m	1 (Standard) or Custom Length Available (Input/250 Micron, Output/Ribbon fiber)			
Dimensions (L x W x H)	mm	40 x 4 x 4	40 x 4 x 4	40 x 4 x 4	50 x 7 x 4



¹Excluding WDL (Wavelength Dependant Loss) and TDL (Temperature Dependant Loss). Measured at room temp. 1310nm and 1550nm.

²Including WDL and TDL. 1 x 2 FBT Splitters and 1 x 64 PLC Splitter Modules are available upon request.

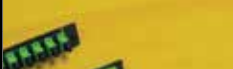





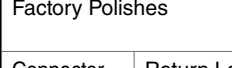



Splitters



- DTC
- LCC
- In-Line RUNT
- Terminal
- ONE
- 6.5" Domes
- 9.5" Domes
- GLC
- MPC

Splitters

COYOTE® Passive Optical Components

Adapter Modules	Adapter Type		6 Adapters with Ceramic Sleeves Part Number	8 Adapters with Ceramic Sleeves Part Number	12 Adapters with Ceramic Sleeves Part Number	
			SC/UPC	6SMSC	8SMSC	12SMDCS (6 Duplex)
			SC/APC	6SCAPC	8SCAPC	12SMDCSA (6 Duplex)
			ST	6SMST	8SMST	N/A
			LC	6SMLC (3 Duplex)	N/A	12SMLC (6 Duplex)
			LC/APC	N/A	N/A	12SMLCA (6 Duplex)
			FC	6SMFC	8SMFC	N/A
			FC/APC	6FCAPC	N/A	N/A

Fiber Pigtail Cable Assemblies			6 Fiber Pigtail Cable Assemblies		12 Fiber Pigtail Cable Assemblies		
	Factory Polishes			Connector Type	Part Number	Connector Type	Part Number
	Connector	Return Loss	Insertion Loss	SC/UPC	P6SCU3*	SC/UPC	P12SCU3*
	UPC	-55 dB min	.02 typ 0.3 max	SC/APC	P6SCA3*	SC/APC	P12SCA3*
	APC	-65 dB min	0.3 max	ST	P6ST3*	ST	P12ST3*
	3mm Jacketed Jumper Cable Assemblies also available. Contact PLP for more details.			LC	P6LC3*	LC	P12LC3*
				FC	P6FC3*	FC	P12FC3*
	*Cable length in meters						

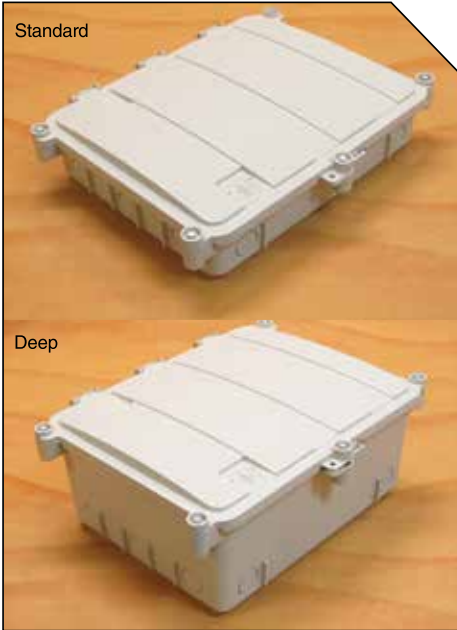
Accessories		
	Part Number	Description
	800014149B	Rodent Protection Plate Kit for RDC3 and RDC6
	800014150B	Rodent Protection Plate Kit for RDC12
	MPC Grommet Port Adapter Kits are required for use with the rodent protection plates. See Page 1-23 for Port Adapter Kit options.	

ACCESS

- Indoor Use
- Outdoor Use
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

COYOTE® Access Solutions™

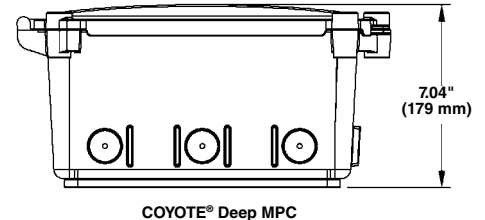
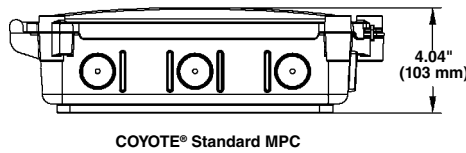
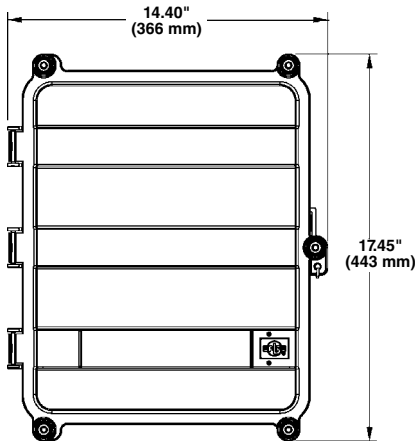
COYOTE® MPC (Multi-Purpose Closure)



The COYOTE® MPC is constructed of durable, UV stabilized, flame retardant (UL 94-5VA) polymer to permit interior or exterior applications. Eight cable entrance ports around the exterior accept an easy-to-use grommet system and standard commercially available fittings. The closure's interior can be configured to address slack storage, splicing, cross-connect, hardened adapter applications or any combination. Pre-terminated configurations are also available to minimize the amount of labor required during installation.

Features:

- 8 Cable entrance ports around closure exterior
- Cable entrance ports accepts PLP grommet adapters or commercially available fittings
- Easy to use grommet system – 7 different multi and single hole grommets to choose from
- Constructed with UL 94 5VA polymer compounds, to provide the highest flame resistant rating
- Interior grid hole pattern allows custom organization of various components
- Integrated rubber seal designed to eliminate water entry
- Custom logo plaques available to identify your company logo contact your PLP representative for further details
- Offers NEMA4 performance
- Tested in accordance to elements of the Telcordia GR-771-CORE specification OptiTap™ is registered trademark of Corning Cable Systems



Grommet Port Adapter



COYOTE® MPC for OptiTap™ Applications














COYOTE® MPC for Cross-Connect Applications



4 Hole Grommet Port Adapter Kit

COYOTE® Standard MPC Kits	
Part No.	Description
COYMPC-000	COYOTE® Standard MPC (EMPTY)
COYMPC-001	COYOTE® Standard MPC with (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812) and (1) Organiser Clip Kit (P/N:8003813)
COYMPC-002	COYOTE® Standard MPC with OptiTap™ Adapters - Includes (1) Bulkhead with 2 OptiTap Adapters, (1) 4-Hole Grommet Port Adapter Kit (P/N: 8003812), (1) 8-Hole Grommet Port Adapter Kit (P/N: 8003818), (1) Organiser Clip Kit (P/N: 8003813), (1) Storage Bracket Kit (P/N: 8003811), and (1) Grommet Port Adapter Shroud (P/N: 80808467)
COYMPC-003	COYOTE® Standard MPC with Step Grommets - Includes (1) Step Grommet Kit (P/N: 80808618) and (1) Organiser Clip Kit (P/N: 8003813)
COYMPC-004	COYOTE® Standard MPC with Splice Tray and Grommets - Includes (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (1) 2-Hole Grommet Port Adapter Kit (P/N: 8003828), (2) Organiser Clip Kits (P/N: 8003813), (2) Cable Restraint Brackets (P/N: 8003829), (2) Tray Brackets (P/N: 80808689), and (1) Standard Short Splice Tray -12 splice count (P/N: 80806033)
COYMPC-005	COYOTE® Standard MPC with Bulkhead and Tray Supports - Includes (2) 6 Port SM, SC/UPC Adapter Plates (P/N: 7500367), (3) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (2) Organiser Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), and (4) Cable Restraint Brackets (P/N: 8003829)
COYMPC-006	COYOTE® Standard MPC with LITE-GRIP® Tray and Tray Supports - Includes (2) Organiser Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), (1) Cable Restraint Brackets (P/N: 8003829), (1) LITE-GRIP Short Splice Tray - 16 splice count (P/N: 80808392), and (1) Splice Tray Support Kit (P/N: 80808853)
COYMPC-008	COYOTE® Standard MPC with (2) Organiser Clip Kits (P/N: 8003813) and (4) 2-Hole Grommet Port Adapter Kits (P/N: 8003828)

COYOTE® MPC (Multi-Purpose Closure)

COYOTE® MPC Accessories		
Part No.	Description	Accessory
8003813	Organiser Clip Kit for Standard or Deep MPC - contains 3 clips	
8003870	Dual Organiser Clip Kit for Deep MPC - contains 3 clips (Deep MPC Only)	
8003811	Storage Bracket Kit - contains 2 brackets	
8003879	Tray Bracket Kit for either Standard MPC or Deep MPC - contains (2) tray brackets, (2) studs, (1) hold down strap, (4) nylon cable clamps, and (1) felt strip	
8003829	Cable Restraint Bracket Kit - contains 1 restraint bracket	
80808467	Raceway Shroud Kit - contains 1 shroud	
80808508	2 Port Internal OptiTap™ Bracket Kit - includes adapters	
8003824	8 Port Internal OptiTap Bracket Kit - does not include adapters	
80808916	Empty Bulkhead Kit for Standard or Deep MPC - Accepts 2 Adapter Modules	
80808960	Empty Bulkhead Kit for Deep MPC ONLY - Accepts 4 Adapter Modules	
80808982	MPC Pole Mount Bracket Kit	

Note: For other COYOTE® MPC Cross-Connect Accessories, refer to the COYOTE® Passive Optical Components & PLC Splitters Modules Section on page 1-21. OptiTap™ is a registered Trademark of Corning Cable Systems.

COYOTE® MPC Grommet Port Adapter Kits			
Part No.	Cable Range	Description	Accessory
8003825	.825" - 1" (21 mm - 25 mm)	1 Hole Grommet Port Adapter	
8003826	.60" - .825" (15 mm - 21 mm)	1 Hole Grommet Port Adapter	
8003827	.40" - .60" (10 mm - 15 mm)	1 Hole Grommet Port Adapter	
8003828	.275" - .500" (7 mm - 12 mm)	2 Hole Grommet Port Adapter	
8003812	.120" - .275" (3 mm - 7 mm)	4 Hole Grommet Port Adapter	
8003818	.120" - .200" (3 mm - 5 mm)	8 Hole Grommet Port Adapter	
80808618	.070" - 1.00" (1.8 mm - 25 mm)	Stepped Grommet Kit	

Splice Tray Selections for COYOTE® MPC	Splice Tray 12ct Standard Profile (Single Fusion)	LITE-GRIP® Short Tray 24ct Low Profile (Single Fusion)	144ct Deep Profile LITE-GRIP® Short Tray (Single Fusion/ Double Stack)			
						
Part No.	80806033		80809958		80808945	
COYOTE® MPC Type	Tray Count	Splice Count	Tray Count	Splice Count	Tray Count	Splice Count
Standard MPC	3	36	4	96	2	80
Deep MPC	8	96	12	288	6	240

COYOTE® Deep MPC Kits	
Part No.	Description
COYMPC-D000	COYOTE® Deep MPC (EMPTY)
COYMPC-D001	COYOTE® Deep MPC with (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (1) Cable Restraint Bracket (P/N: 8003829), and (2) Dual Organiser Clip Kits (P/N:8003870)



MPC Mounted to House

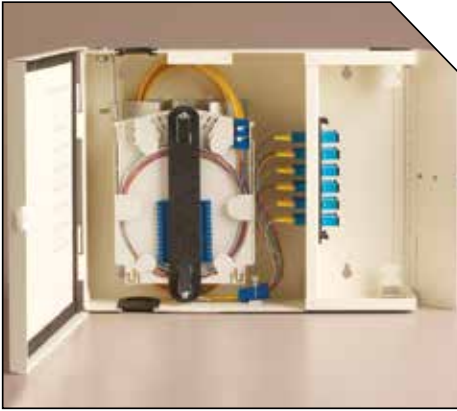
MPC

- Indoor Use
- Outdoor Use
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

Multi-Purpose Closure

COYOTE[®] Axxess Solutions[™]

Pre-Terminated Cabinets



Wall Mount Cabinets

- Provides protected fiber splicing and connectivity
- Lockable inner door secures the splicing compartment
- Each cabinet may be ordered with adapter modules or pre-terminated to your exact specification
- Installation and mounting hardware included

Rack Mount Cabinets

- Universal mounting bracket to fit 19" (482 mm) or 23" (584 mm) racks
- Clear front door and access panels are removable for easy entry

Features:

- Ready for splicing right out of the carton
- Cabinets are made from rugged 16 gauge steel
- Durable powder-coat finish
- Available in two colors - Almond or Black
- Accepts craft-friendly COYOTE[®] splice trays
- Integral fiber storage
- High-density splicing and patching in single cabinet
- Assembled to your exact specifications
- 100% inspected
- Designed to provide substantial labor savings
- UPC or APC fiber polishes
- Color coded pigtailed
- Key hole slots for optional wall mounting
- Each cabinet may be ordered with adapter modules or pre-terminated to your exact specification

Wall Mount Cabinets (Empty)				
Part No.	Description	Height (A)	Width (B)	Depth (C)
WDC2_*	Wall Mount Cabinet up to 24 Fiber Connections and Splices**	10" (254 mm)	13" (330 mm)	3.5" (89 mm)
WDC4_*	Wall Mount Cabinet up to 48 Fiber Connections and Splices**	14" (356 mm)	13" (330 mm)	3.5" (89 mm)
WDC8_*	Wall Mount Cabinet up to 96 Fiber Connections and Splices**	17" (432 mm)	13" (330 mm)	5.5" (140 mm)
WDC12_*	Wall Mount Cabinet up to 144 Fiber Connections and Splices**	12" (305 mm)	17" (432 mm)	11" (279 mm)

*Wall Mount Cabinets: **A** for Almond or **B** for Black

**Maximum connection capacity only achieved with duplex adapters




Rack Mount Cabinets (Empty)					
Part No.	Description	Height (A)	Width (B)	Depth (C)	Rack Units
RDC2_*	Rack Mount Cabinet up to 12 Fiber Connections and Splices	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	1
RDC3_*	Rack Mount Cabinet up to 36 Fiber Connections and Splices	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	2
RDC6_*	Rack Mount Cabinet up to 72 Fiber Connections and Splices	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	2
RDC12_*	Rack Mount Cabinet up to 144 Fiber Connections and Splices**	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	3
RDC24_*	Rack Mount Cabinet up to 288 Fiber Connections and Splices**	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	8

*Rack Mount Cabinets: **A** for Almond or **B** for Black

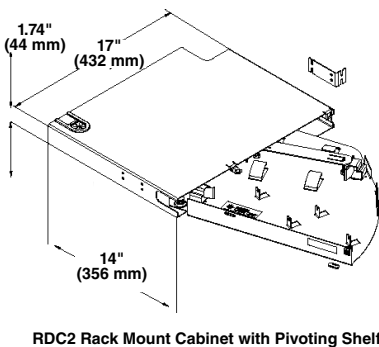
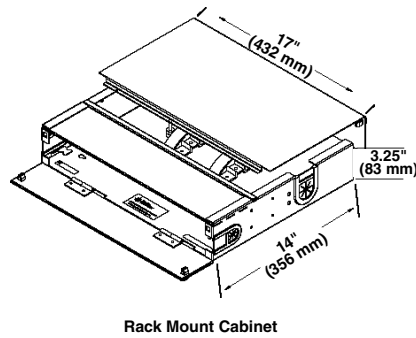
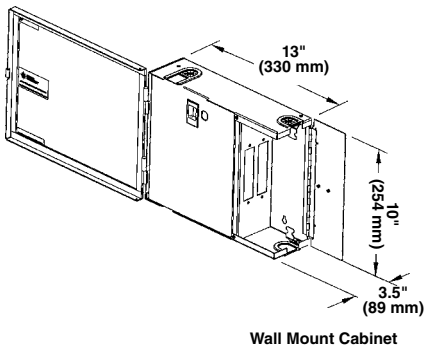
**Maximum connection capacity only achieved with duplex adapters

COYOTE® Access Solutions™

Pre-Terminated Cabinets

Cabinet Splice Tray Capacities	Wall Mount Cabinet Splice Tray Kit Options				Rack Mount Cabinet Splice Tray Kit Options				
	WDC2	WDC4	WDC8	WDC12	RDC2	RDC3	RDC6	RDC12	RDC24
 12ct Standard 80806033	2 Trays 24 Max. Splice Count	2 Trays 24 Max. Splice Count	N/A	N/A	1 Tray 12 Max. Splice Count	N/A	N/A	N/A	N/A
 36ct Low Profile* 8001127	N/A	N/A	6 Trays 144 Max. Splice Count	9 Trays 216 Max. Splice Count	N/A	3 Trays 72 Max. Splice Count	3 Trays 72 Max. Splice Count	6 Trays 144 Max. Splice Count	12 Trays 288 Max. Splice Count
 36ct Standard* 80805514	N/A	N/A	4 Trays 96 Max. Splice Count	6 Trays 144 Max. Splice Count	N/A	2 Trays 48 Max. Splice Count	2 Trays 48 Max. Splice Count	4 Trays 96 Max. Splice Count	8 Trays 144 Max. Splice Count

*24 Count in Pre-Terminated Cabinets



AXCESS

- Indoor Use
- Outdoor Use
- Pole/Wall Mount
- Below Grade
- Direct Buried
- Flame Retardant

COYOTE® Ax-
cess Solutions™

COYOTE® Fiber Wall Plate



The COYOTE® Access Solutions™ Fiber Wall Plates are compact fiber Organisers used to create a fiber demarcation point inside the home, office or apartment. Internal fiber routing features control bend radius and allows for slack storage outside of the wall cavity. Specific designs also provide for splicing inside the wall plate. Each wall plate is produced from flame retardant compounds, is easy to install and is capable of being mounted directly to a standard electrical junction box or a wall.

Features:

- Size: 4" W x 6" L x 1" D (102 mm x 152 mm x 63.5 mm)
- Designed to store a Pre-Connectorised pigtail for connection to a mating adapter
- Mounts to standard electrical junction boxes or wall
- Internal fiber routing provides bend radius control
- Flame retardant
- Hinged door provides open access for easy fiber connection or removal
- Internal adapter with automatic shutter covering laser light output
- Available colors: white and almond



COYOTE® Fiber Wall Plate Kits	
Part No.	Description
8006992 W	White COYOTE® Original Wall Plate: Includes (1) base, (1) cover, (1) SC/APC factory installed adapter, and (1) mounting hardware kit
8006992 IV	Almond COYOTE® Original Wall Plate: Includes (1) base, (1) cover, (1) SC/APC factory installed adapter, and (1) mounting hardware kit



COYOTE® Fiber Wall Plate Base



Pigtail Storage in COYOTE® Fiber Wall Plate



COYOTE® Fiber Wall Plate Access Door

COYOTE® Splice & Store Fiber Wall Plate



Features:

- Size: 4.5" W x 5" L x .87" D (114 mm x 127 mm x 22 mm)
- Designed for splicing and storing a Pre-Connectorised fiber pigtail
- Flame retardant
- Available color: white
- Slack Storage: 8 ft (243 mm) of 2 mm or 4 ft (122 mm) of 3 mm jacketed fiber
- Fiber entrance ports through back and bottom edge of wall plate

COYOTE® Splice & Store Fiber Wall Plate Kit	
Part No.	Description
80061045	White COYOTE® Splice & Store Wall Plate: Includes (1) base, (1) cover, (1) blue LITE-GRIP® Sleeve, (1) felt strip, (2) tie wraps, and (1) security screw

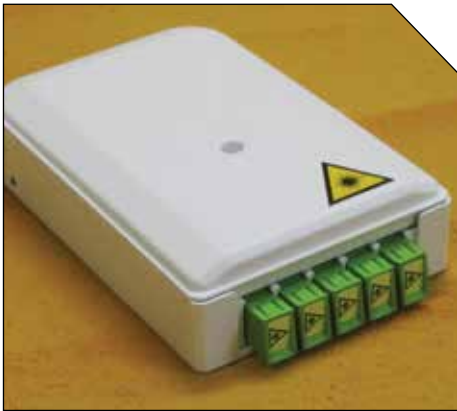


COYOTE® Splice and Store Fiber Wall Plate Base



Pigtail Storage in COYOTE® Splice and Store Fiber Wall Plate

COYOTE® ACE (Adaptable Connection Enclosure)



CAT5 / Fiber Connection



Coax Connection



COYOTE-000 Kit



8004034 COYOTE® Splice Tray Kit



COYOTE® Fiber Wall Plate Mounted to COYOTE® ACE



COYOTE® ACE with 5 SC Adapters

The COYOTE® ACE is the latest addition to PLP's family of wall plates. The design offers the greatest flexibility to address the multitude of connection options required to support home and office networks. Interchangeable inserts allow the enclosure to be configured to support fiber/coax applications, fiber/CAT5 applications, coax/CAT5 applications, coax only applications and fiber only applications. The enclosure can also be used below the COYOTE® Fiber Wall Plate to support additional fiber slack storage or applications requiring 1x4 coax splitters. A splice tray kit is available to support internal splicing if required.

Key Features:

- Size: 4" W x 6" L x 1" D (102 mm x 152 mm x 25 mm)
- Designed to support splice/patch applications and multiple connection types
- Accepts industry standard adapters and coax splitters
- Fiber entrance slots on side and top of base for surface mount applications using raceway
- Large opening in back wall of base to support transition of fiber or coax when mounted to an electrical outlet box
- Available color: White
- Flame retardant
- Combine with COYOTE® Fiber Wall Plate to provide additional slack storage or address applications 1x3 or 1x4 coax splitters
- Patent Pending
- Capacity / Connection Options:
 - (8) Single Fusion Splices with Splice Tray Kit (8004034)
 - (5) Fiber Adapters – APC, UPC or LC
 - (1) 1x2 Coax Splitter
 - (1) 1x3 or 1x4 Coax Splitter
 - (1) CAT5, RJ11 or RJ45 module

COYOTE® ACE Kits	
Part No.	Description
COYACE-000	White COYOTE® ACE (EMPTY): Includes (1) base, (1) cover, (5) empty adapter plates, (3) port covers and mounting hardware kit
COYACE-001	COYOTE®-000 with (1) 8004034 tray kit (2) SCAPC adapters and pigtails
COYACE-002	COYOTE®-000 with (1) 8004034 tray kit (5) SCAPC adapters and pigtails
COYACE-003	COYOTE®-000 with (1) 8004034 tray kit (2) SCUPC adapters and pigtails
COYACE-004	COYOTE®-000 with (1) 8004034 tray kit (5) SCUPC adapters and pigtails

COYOTE® Accessory Kits	
Part No.	Description
8004034	COYOTE® ACE Splice Tray Kit: Includes (1) splice tray and (1) splice block
80811215	Adapter Kit: (2) SCAPC w/Shutter
80811216	Adapter Kit: (3) SCAPC w/Shutter
800014114	Adapter Kit: (2) SCUPC w/Shutter
800014115	Adapter Kit: (3) SCUPC w/Shutter
800013979	Pigtail Kit: 2 Pigtails, Fiber - SCAPC
800013980	Pigtail Kit: 3 Pigtails, Fiber - SCAPC
800014109	Pigtail Kit: 2 Pigtails, Fiber - SCUPC
800014110	Pigtail Kit: 3 Pigtails, Fiber - SCUPC

Fiber Wall Plates

- Indoor Use
- Outdoor Use
- Flame Retardant

COYOTE® Mounting Brackets

Closure Hardware Options (Refer to images on page 1-29)

Product	Description	Aerial Strand Mount	Aerial ADSS Mount	Pole/Wall Mount	Underground Mount
	COYOTE® LCC (Low Count Closure)	PN: 8003832 Image 1	PN: 8003852 Image 2	PN: 8003830 Image 3	PN: 8003835 Image 20
	COYOTE® In-Line RUNT	PN:8003797 Image 4	PN: 8003864 Image 5	PN: 8003703 Image 6	PN: 8003835 Image 20 or PN: 8003706 Image 21
	COYOTE® Terminal (Single Chamber)	PN:8003797 Image 4	PN: 8003864 Image 5	PN: 8003703 Image 6	PN: 8003835 Image 20 or PN: 8003706 Image 21
	COYOTE® Terminal (Dual Chamber)	PN:8003815 Image 7 or PN:8003705 Image 8	N/A	PN: 8003703 Image 6	PN: 8003706 Image 21
	COYOTE® ONE Dome	PN: 8004005 Image 9 or PN:8004027 Image 10	PN: 8004031 Image 11 or PN: 8004032 Image 12	PN: 8004004 Image 13	PN: 8003835 Image 20
	COYOTE® Dome and Terminal Dome 6.5" x 17" (218 mm x 453 mm)	PN: 8004035 Image 14	PN: 8004036 Image 15	PN: 8003702 Image 16	PN: 8003835 Image 20 or PN: 8003707 Image 22
	COYOTE® Dome and Terminal Dome 6.5" x 22" (218 mm x 574 mm)	PN: 8004035 Image 14	PN: 8004036 Image 15	PN: 8003702 Image 16	PN: 8003835 Image 20 or PN: 8003707 Image 22
	COYOTE® Dome and Terminal Dome 9.5" x 19" (292 mm x 509 mm)	PN: 8004037 Image 17	PN: 8004038 Image 18	PN: 8003942 Image 19	PN: 8003835 Image 20
	COYOTE® Dome and Terminal Dome 9.5" x 28" (292 mm x 749 mm)	PN: 8004037 Image 17	PN: 8004038 Image 18	PN: 8003942 Image 19	PN: 8004003 Image 23

COYOTE® Mounting Brackets

Bracket Options

Image No.	Photo	Image No.	Photo	Image No.	Photo
1 Strand Mount 8003832		9 Strand Mount Low Clearance 8004005		17 Strand Mount Offset Adjustable 8004037	
2 ADSS Mount 8003852		10 Strand Mount Offset Adjustable 8004027		18 ADSS Mount Offset Adjustable 8004038	
3 Pole/Wall Mount 8003830		11 ADSS Mount Low Clearance 8004031		19 Pole/Wall Mount 8003942	
4 Strand Mount 8003797		12 ADSS Mount Offset Adjustable 8004032		20 Handhole Mount 8003835	
5 ADSS Mount 8003864		13 Pole/Wall Mount 8004004		21 Swing Arm 8003706	
6 Pole/Wall Mount 8003703		14 Strand Mount Offset Adjustable 8004035		22 Swing Arm 8003707	
7 Strand Mount Low Clearance 8003815		15 ADSS Mount Offset Adjustable 8004036		23 Manhole Support for all Domes 8004003	
8 Strand Mount Offset Adjustable 8003705		16 Pole/Wall Mount 8003702			





Section 2 - Fibre Optic Enclosures

The 1st Generation of Products

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FibreGuard™ Closures Series



The FibreGuard™ Closure is a series of DOME style closures to suit small, medium and large fibre count. With the quick re-entry base, multi-cable entry grommets and mechanical cable gland seal, this is a true Ready Access closure catering for the backbone, metropolitan and access networks.

The closure come complete with Slide-N-Lock™ Fibre Tray and buffer tube storage for Loop/ Express cable/s. The closure shell is made of UV resistant thermoplastic with international protection rating of IP67/8 ready for aerial or underground installations. Pole mounting brackets and accessories are available and the closure can be padlocked.

Features:

- Accepts a Wide Range of Fibre Management Systems
- Ready Access (10 Second Entry) Re-Usable
- Mechanical Cable and Closure Sealing System
- Extensive Range of Cable Sizes Accepted
- Split Grommets and Multi Drops From Single Ports
- Proven "O" Ring Sealing System between Dome to End Plate
- Security Locking Position
- Splice I.D. Plate
- Sizes to Accommodate Most Fibre Counts
- No Special Tools Required
- Easy Future Drop Cable Installation
- Flash Testing to confirm Closure Integrity



Simple Locking System



Simple Locking Facility



Express Ports with Grommet Sealing



Slide-N-Lock™ Fibre Tray Access



Loose Buffer Tube Storage



Flash Test Air Valve



Strength Member & Couple Fastening



Wide Range of Grommets Available

FibreGuard™ Closures Series



FG500

FibreGuard™ Closure 500

Features:

- Low to medium count splicing
- 4 Port entry
- To suit 24, 48, 72 or 96 fibres
- Multi-Cable Entry
- For aerial or underground installations
- Mechanical Cable Gland Seal

Part Number	QTY. of 12/24 Fibre Tray Included (FG-T12)	Fibre Capacity
FG500-112	1	up to 12 or 24
FG500-212	2	up to 24 or 48
FG500-312	3	up to 36 or 72
FG500-412	4	up to 48 or 96

Note: Add suffix -P for pole mounting bracket kit.



FG650

FibreGuard™ Closure 650

Features:

- Medium count splicing
- 5 Port entry with multi-cable facility
- To suit up to 48, 96, 144 or 288 fibres
- For aerial or underground installations
- Mechanical Cable Gland Seal

Part Number	QTY. of 48 Fibre Tray Included (FG-T48)	Fibre Capacity
FG650-148	1	up to 48
FG650-248	2	up to 96
FG650-348	3	up to 144
FG650-448	4	up to 192
FG650-548	5	up to 240
FG650-648	6	up to 288

Note: Add suffix -P for pole mounting bracket kit.

FibreGuard™ Closures Series



FG800

FibreGuard™ Closure 800 with 48 Fibre Trays

Features:

- High count splicing
- 7 Port entry with multi-cable facility
- Using 48 fibre tray
- To suit up to 288, 480 or 720 fibres
- Choice of 48 or 72 fibre tray
- For aerial or underground installations
- Mechanical Cable Gland Seal

Part Number	Qty. of 48 Fibre Tray Included (FG-T48)	Fibre Capacity
FG800-148	1	up to 48
FG800-248	2	up to 96
FG800-348	3	up to 144
FG800-448	4	up to 192
FG800-548	5	up to 240
FG800-648	6	up to 288
FG800-748	7	up to 336
FG800-848	8	up to 384
FG800-948	9	up to 432
FG800-A48	10	up to 480

Note: Add suffix -P for pole mounting bracket kit.



FG800

FibreGuard™ Closure 800 with 72 Fibre Trays

Features:

- High count splicing
- 7 Port entry with multi-cable facility
- Using 72 fibre tray
- To suit up to 288, 480 or 720 fibres
- Choice of 48 or 72 fibre tray
- For aerial or underground installations
- Mechanical Cable Gland Seal

Part Number	Qty. of 72 Fibre Tray Included (FG-T72)	Fibre Capacity
FG800-172	1	up to 72
FG800-272	2	up to 144
FG800-372	3	up to 216
FG800-472	4	up to 288
FG800-572	5	up to 360
FG800-672	6	up to 432
FG800-772	7	up to 504
FG800-872	8	up to 576
FG800-972	9	up to 648
FG800-A72	10	up to 720

Note: Add suffix -P for pole mounting bracket kit.

FibreGuard™ Closures Series



FG

SLIDE-N-LOCK™ Splice Trays

Part Number	Fibre Count
FG-T12	12/24
FG-T48	48
FG-T72	72

FG

Cable Grommets



Various Grommet entry available, consult PLP for recommendation.

Part Number	Grommet Designation	Cable Range (mm)	Number of Entries
FG-DNA	A	10 - 15	1
	B	15 - 21	1
	C	21 - 25	1
FG-DNA-2	2H	7 - 12	2
FG-DNA-4	4H	3 - 7	4

FG

Mounting Bracket



Pole mounting bracket to suit wood, concrete or steel poles.

Part Number	To Suit
FG-B500-P	FibreGuard™ Closure 500
FG-B650-P	FibreGuard™ Closure 650
FG-B800-P	FibreGuard™ Closure 800

COYOTE® Closures



The COYOTE® Closure range are tested in accordance with Bellcore Testing Requirement GR-771-CORE. This is the closure that will ensure long-term reliability and quality of the signal, voice, video and data.

Made of injection-moulded high-density thermoplastic, the shells are built to last in any environment. Closing and re-entry are simple; closing hardware is captive so there are no loose parts to keep track of, and the torquing sequence is moulded into the shell for easy reference. The neoprene gasket, proven to be effective in PLP's other closures, provides an airtight, waterproof seal and no re-entry kits are needed, so waste is kept to a minimum.

Secure:

The COYOTE® Closure remains secure whether the application is overhead or underground. Mounting brackets for overhead installation are available for wood poles, concrete/steel poles or transmission towers.

Features:

- Maintains an airtight and watertight seal
- Corrosion resistant
- Sealing system eliminates drilling and 'heat' shrink requirements
- Pre-moulded cable entry ports
- Rapid installation and re-entry
- Tested in accordance to GR-771-CORE
- Splicing up to 48, 144, 388 and 384 fibres
- Versatile fibre management system

COYOTE® Runt Closures

Runt Closure



The COYOTE® RUNT Closure was specifically designed for fiber distribution networks. The small compact size of the COYOTE® RUNT Closures make them an ideal fit for smaller hand holes and pedestals in the last fiber mile.

Features:

- To suit 12, 24, 36 or 48 fibres
- Compact Size: 37.5cm x 21.6cm x 7.6cm
- Three cable entrance ports; (2) 19mm port and (1) 25mm port
- Size allows for mounting in small pedestals and hand holes
- Provided with LOCK-TAPE™ Sealing System
- Accepts a wide variety of grommets for multi drop applications
- Allows for loose tube or ribbon fiber applications
- Permanent neoprene gasket system requires no re-entry kits
- Future cable ports included
- Express friendly internal Organiser features
- Integrated air valve to verify integrity of final assembly
- Full line of mounting hardware
- UL Approved and RUS Listed
- Tested in accordance to Telcordia GR-771 CORE

Splice Tray Kits:

Part Number	Splices Per Tray	Trays Per Closure	Total Fiber Count
8006671-124	24	1	24
8006671-224	24	2	48

Expanded Runt Closure

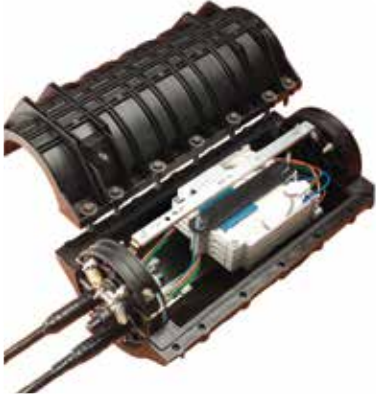


Features:

- Low to medium count splicing
- To suit up to 48, 72 or 96 fibres
- Low profile design
- For aerial or underground installations
- No heat shrink or torch required

Part Number	Splices Per Tray	Trays Per Closure	Total Fiber Count
8006794-124	24	1	24
8006794-224	24	2	48
8006794-324	24	3	72
8006794-424	24	4	96

COYOTE® Pup Closures



COYOTE® Pup Closure 6" x 17"

The COYOTE® PUP Closure offers a perfect choice for low fiber count distribution applications involving butt and in-line installations. The compact size and rugged design allow the closure to be applied in below grade, aerial and buried installations. Supported by a full line of COYOTE® accessories, this closure can grow along with your network.

Key Features:

- Compact Size: 17" L x 8.6" W x 7.2" H(43.2 cm x 21.9 cm x 18.4 cm)
- Two end plate options - 4 port and 6 port;
 - 6 port provides (4) 7/8" (22 mm) ports and (2) 3/4" (19 mm) ports
 - 4 port provides (2) 1-1/4" (32 mm) ports and (2) 1" (25 mm) ports
- Standard closure configured for BUTT Entry
- Ability to convert to in-line configuration
- Organisers designed for loose buffer tube and ribbon applications
- Size allows for mounting in small hand holes
- Provided with LOCK-TAPE™ Sealing System
- Accepts a wide variety of grommets for multi drop applications
- Permanent neoprene gasket system requires no re-entry kits
- Future cable ports provided
- Integrated air valve to confirm integrity of final assembly
- Full line of mounting hardware
- UL Approved, RDUP Listed (RUS)
- Tested in accordance to Telcordia GR-771 CORE

Part Number Closure Kit for Buffer Tube	Part Number Closure Kit for Uni-tube	Splices Per Tray	Trays Per Closure	Total Fiber Count
8006622-124	8006622-124	24	1	24
8006622-224	8006622-224	24	2	48
8006622-324	8006622-324	24	3	72
8006622-424	8006622-424	24	4	96
8006622-524	8006622-524	24	5	120

Note: 1x 6 port end plate and 1x blank end plate standard.

Add suffix -P to the part number to include pole mounting bracket. Contact PLP for tower mounting bracket assembly.

COYOTE® Runt Closures

For Blown Fibre (In-line Closure)



Part Number	End Plate
800011628	4 hole, 3 section

Note: No trays included. 2 x 4 hole end plates standard.

Splice Tray Kits



Part Number Tray	Fiber Capacity	Description
80806033-12A	12	Standard Profile
80806033-24A	24	Standard Profile
80806033	12	Standard Profile Mechanical

Accessory Kits



Part Number	Description
80805105	3 Section 6 Port End Plate kit
80805739	3 Section 4 Port End Plate Kit
8003371	Future Cable Port Kit
8003291	Future Cable Installation Kit
8003325	Aerial hanger Bracket
OFSCMOUNT-03	Pole Mounting Bracket
OFSCM-04-03	Tower Mounting Bracket
OFSEMOUNT-05	Runt Pole Bracket
OFSCM-06-##	Runt Tower Bracket

COYOTE® Closures

COYOTE® 6" & 8.5" Closures



The first and original series in the COYOTE® family of products, the COYOTE® Closure was developed with customers' needs first. Used in aerial, underground, buried and building applications, the COYOTE® Closure is the original design of fiber optic closures. Craft-friendly, affordable, reliable and durable, the COYOTE® Closure ensures long-term reliability and quality of voice, video and data signals.

Key Features:

- Available in two sizes;
 - 6.0" x 22" (15cm x 56cm)
 - 8.5" x 22" (22cm x 56cm)
- Two end plate options – 4 Port and 6 Port;
 - 6 Port provides (4) 22mm ports and (2) 19mm ports
 - 4 Port provides (2) 32mm ports and (2) 25mm ports
- Large splice capacity – Up to 396 with single fusion
- Can be configured for butt or in-line applications
- Organisers designed for loose buffer tube & ribbon applications
- Compact size allows for mounting in smaller locations
- Provided with LOCK-TAPE Sealing System
- Accepts a wide variety of grommets for multi drop applications
- Field proven permanent neoprene gasket system
- No re-entry kits required
- Future cable ports provide capability for future cable installation, without end plate removal
- Full line of mounting hardware

COYOTE® 6" x 22" Closures



Key Features:

- Buffer Tube Kit Standard (Contact PLP for Unitube applications)
- Low Profile Trays Standard (8001127)

Part Number With 6 Port End Plate	Part Number With 4 Port End Plate	Splices Per Tray	Trays per Closure	Total Fiber Count
8006560-136	8006633-136	36	1	36
8006560-236	8006633-236	36	2	72
8006560-336	8006633-336	36	3	108
8006560-436	8006633-436	36	4	144
8006560-536	8006633-536	36	5	180
8006560-636	8006633-636	36	6	216

Note: 1 x 6 port end plate and 1x blank end plate standard.

COYOTE® Closures



COYOTE® 8.5" x 22" Closures

Key Features:

- Buffer Tube Kit Standard (Contact PLP for Unitube applications)
- Low Profile Trays Standard (8001127)

Part Number With 6 Port End Plate	Part Number With 4 Port End Plate	Splices Per Tray	Trays per Closure	Total Fiber Count
8006561-136	8006634-136	36	1	36
8006561-236	8006634-236	36	2	72
8006561-336	8006634-336	36	3	108
8006561-436	8006634-436	36	4	144
8006561-536	8006634-536	36	5	180
8006561-636	8006634-636	36	6	216
8006561-736	8006634-736	36	7	252
8006561-836	8006634-836	36	8	288
8006561-936	8006634-936	36	9	324
8006561-A36	8006634-A36	36	10	360
8006561-B36	8006634-B36	36	11	396



Splice Tray Kits

Part Number	Fiber Capacity	Description
8001127	36	Low Profile
80805514	36	Standard Profile



Accessory Kits

Part Number	Description
80805105	3 Section 6 Port End Plate kit
80805739	3 Section 4 Port End Plate Kit
8003371	Future Cable Port Kit
8003291	Future Cable Installation Kit
OFSCMOUNT-03	Pole Mounting Bracket
OFSCM-04-03	Tower Mounting Bracket

COYOTE® Closures



Stainless Steel

The COYOTE® Stainless Steel Closure is very versatile accommodating a wide variety of optical fibre cables. It effectively maintains an airtight, watertight seal around all types of fibre optic cable. The closure offers easy-to-use Lockbar™ fastening, reducing splice case installation and re-entry time. It can be easily re-entered without a special kit or special tools.

The splice case remains secure whether the application is overhead or underground. Mounting brackets for overhead installation are available for wood poles, concrete/steel poles or transmission towers. The COYOTE® Splice Case is packaged to order for each communication application.

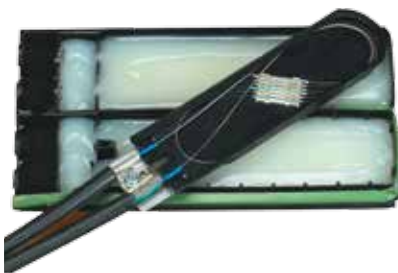
Key Features:

- Maintains an air and water tight seal
- Corrosion resistant
- Sealing system eliminates heat-shrink complications
- Rapid installation and re-entry without special tools
- Splicing up to 180, 216, 252, 324, 360 and 468 fibres
- Larger customised splice capacities available upon request
- Versatile fibre management system

Part Number	Closure Size	Splices Per Tray	Trays Per Closure	Total Fiber Count (Single Fusion)	Mounting Bracket
8006551 - ***-**-**	6.5" x 22"	36	5 x Standard 6 x Low Profile	180 216	Pole or Tower
8006553 - ***-**-**	6.5" x 28"	36	5 x Standard 6 x Low Profile	180 216	Pole or Tower
8006625 - ***-**-**	8" x 28"	36	7 x Standard 9 x Low Profile	252 324	Pole or Tower
8006657 - ***-**-**	9.5" x 28"	36	10 x Standard 13 x Low Profile	360 468	Pole or Tower

Note: Contact PLP for specific part numbers to suit your application.

Drop Cable



Designed for splicing or repair of low fiber count drop cables. The COYOTE® Drop Cable Closure is a reenterable (not re-usable), encapsulant-filled closure for splicing buried fiber optic drop cables (up to 6-fiber).

Key Features:

- The COYOTE® Drop Cable Closure will accept either dielectric or shielded fiber optic drop cables with an outside diameter of up to 0.5" (13 mm)
- The splice block on the splice tray assembly holds up to 6 heat-shrink fusion splice protectors. Six 40 mm long protectors are provided
- The sealed splice tray assembly has an integral bond clamp which provides conductivity between the cable shields and cable restraint
- Each closure body is factory-filled with field proven POLY-BEE™ Sealant to provide a protective barrier around the sealed splice tray assembly
- Compact size 305 L x 76 H x 89 W

Part Number	Description
8006876	COYOTE® Drop Cable Closure, includes sealed splice tray assembly and six (6) heat shrink splice protectors.
8006914	COYOTE® Drop Cable Closure unfilled, includes splice tray assembly & six (6) heat shrink splice protectors

COYOTE® Splice Tray Selection Chart





Short Splice Trays & Closures	COYOTE® RUNT	COYOTE® Expanded RUNT	COYOTE® In-Line RUNT	COYOTE® Terminal Dual Chamber*	COYOTE® PUP	COYOTE® Multi Purpose Closure (MPC)
 <p>Standard Tray (12 Splice Count) 80806033-12A</p>	<p>2 Trays</p> <p>24 Max Splice Count</p>	<p>4 Trays</p> <p>48 Max Splice Count</p>	<p>3 Trays</p> <p>36 Max Splice Count</p>	<p>6 Trays</p> <p>48 Max Splice Count</p>	<p>5 Trays</p> <p>60 Max Splice Count</p>	<p>4 Trays</p> <p>48 Max Splice Count</p>
 <p>Standard Tray (24 Splice Count) 80806033-24A</p>	<p>2 Trays</p> <p>48 Max Splice Count</p>	<p>4 Trays</p> <p>96 Max Splice Count</p>	<p>3 Trays</p> <p>72 Max Splice Count</p>	<p>6 Trays</p> <p>96 Max Splice Count</p>	<p>5 Trays</p> <p>120 Max Splice Count</p>	<p>4 Trays</p> <p>96 Max Splice Count</p>
 <p>Standard Tray Mechanical & Fusion (12 Splice Count) 80806033</p>	<p>2 Trays</p> <p>24 Max Splice Count</p>	<p>4 Trays</p> <p>48 Max Splice Count</p>	<p>3 Trays</p> <p>36 Max Splice Count</p>	<p>6 Trays</p> <p>48 Max Splice Count</p>	<p>5 Trays</p> <p>60 Max Splice Count</p>	<p>4 Trays</p> <p>48 Max Splice Count</p>

Note: * Total capacity of dual chambers.

COYOTE® Splice Tray Selection Chart



Long Splice Trays & Closures	6.5" x 22" COYOTE®	8.5" x 22" COYOTE®	6.5" x 22" COYOTE® Splice Case	8" x 22" COYOTE® Splice Case
 Low Profile Tray (36 splice count) 8001127 (w/ plastic splice blocks) or 80807769 (blank)	6 Trays 216 Max Splice Count	11 Trays 396 Max Splice Count	6 Trays 216 Max Splice Count	9 Trays 324 Max Splice Count
 Standard Tray (36 Splice Count) 80805514 (w/ elastomer splice blocks), 80805110 (w/ ridgid slots), or 808055	4 Trays 144 Max Splice Count	8 Trays 288 Max Splice Count	4 Trays 144 Max Splice Count	7 Trays 252 Max Splice Count

Splice Protector

FPH

Heat shrink



Part Number	Description
FPH-045-C	Clear heatshrink splice protectors 45mm
FPH-060-C	Clear heatshrink splice protectors 60mm



Section 3 - ADSS Fittings & Accessories

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FIBERLIGN® Dielectric Dead-End



The FIBERLIGN® Dielectric Dead-end has been designed to securely, but gently, terminate All-dielectric Self-supporting (ADSS) aerial fibre optic cable. Two component design consisting of the appropriate size and length structural reinforcing rods and a dead-end component to transfer tensile loads and distribute radial compressive forces through the plastic jacket and onto the internal strength members without damaging the fragile, internal optical fibres. A Lite dead-end is also available for short low tension applications where a two component design would not be necessary.

Dead-end design and performance depends upon a number of factors such as cable make and design, strength member construction, jacket type, tension load requirements, temperature and environmental operating conditions.

- **Lite Series:** only recommended for short slack spans of ADSS cable
- **Short Span Series:** recommended for ADSS spans up to 200m
- **Long Span Series:** are recommended for ADSS spans up to 600m

FIBERLIGN® Dielectric Dead-End

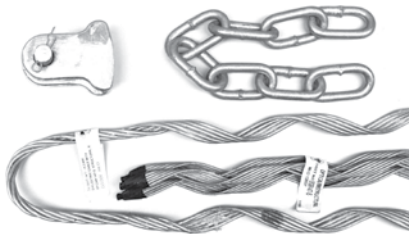


ADSSTS

FIBERLIGN® Dielectric Dead-End - Lite Series

Part Number	Conductor Diameter Range (mm)
ADSSTS-096-LITE	9.6 - 10.8
ADSSTS-120-LITE	12.0 - 12.9
ADSSTS-160-LITE	16.0 - 16.9
ADSSTS-192A-LITE	19.2 - 20.8

Note: Does not include structural reinforcing rods and are only recommended for short slack spans of ADSS cable. Subject to ADSS cable design and operating conditions.

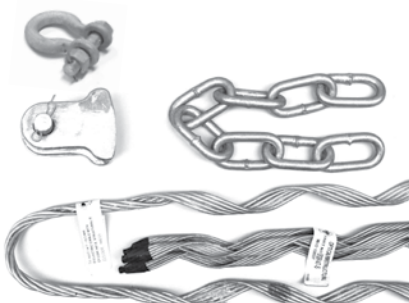


ADSSTS

FIBERLIGN® Dielectric Dead-End - Short Span Series

Part Number	ADSS Diameter Range (mm)
ADSSTS-075-S	7.5 - 8.3
ADSSTS-084-S	8.4 - 9.2
ADSSTS-093-S	9.3 - 10.1
ADSSTS-102-S	10.2 - 10.8
ADSSTS-109-S	10.9 - 11.5
ADSSTS-116-S	11.6 - 12.3
ADSSTS-124-SG	12.4 - 12.9
ADSSTS-130-SG	13.0 - 13.7
ADSSTS-138-SG	13.8 - 14.6
ADSSTS-147-SG	14.7 - 15.3
ADSSTS-154-SG	15.4 - 16.0
ADSSTS-161-SG	16.1 - 16.9
ADSSTS-170-SG	17.0 - 17.9
ADSSTS-180-SG	18.0 - 18.9
ADSSTS-210-SG	21.0 - 21.9
ADSSTS-220-SG	22.0 - 22.9

Note: Recommended for ADSS spans up to 200m. Subject to ADSS cable design and operating conditions. May be used for "Medium Span" applications, contact PLP for recommendations.



ADSSTS

FIBERLIGN® Dielectric Dead-end - Long Span Series

Part Number	ADSS Diameter Range (mm)
ADSSTS-116-LG	11.6 - 12.3
ADSSTS-124-LG	12.4 - 12.9
ADSSTS-130-LG	13.0 - 13.7
ADSSTS-138-LG	13.8 - 14.6
ADSSTS-147-LG	14.7 - 15.3
ADSSTS-154-LG	15.4 - 16.0
ADSSTS-161-LG	16.1 - 16.9
ADSSTS-170-LG	17.0 - 17.9
ADSSTS-180-LG	18.0 - 18.9
ADSSTS-190-LG	19.0 - 19.9
ADSSTS-200-LG	20.0 - 20.9
ADSSTS-210-LG	21.0 - 21.9
ADSSTS-220-LG	22.0 - 22.9

Note: Recommended for ADSS spans up to 600m. Subject to ADSS cable design and operating conditions.

FIBERLIGN® Dielectric Suspension/Support



The FIBERLIGN® Dielectric Suspension is specifically designed for installation on ADSS cables. Due to the relatively fragile nature of the plastic jackets and non-metallic strength members of ADSS, special features are incorporated into the design of the FIBERLIGN® Dielectric Suspension. Cushion inserts gently grip the ADSS cable and provide moderate slip strength without damaging the cable jacket. Products are available for both suspension and support applications from short spans and tensions to longer spans and higher tension applications. Structural reinforcing rods are also available in single and dual combinations with clamps designed for medium and long spans. Double suspension packages are available upon request for larger than normal turning angles.

- **Short Span Series:** recommended for ADSS spans up to 200m
- **Medium Span Series:** recommended for ADSS spans up to 350m
- **Long Span Series:** recommended for ADSS spans up to 600m

FIBERLIGN® Dielectric Suspension/Support



Support Style



Suspension Style

OFFDS2

FIBERLIGN® Dielectric Suspension/Support Short Span Series

The FIBERLIGN® Dielectric Suspension/Support clamp is addition to PLP's ADSS hardware range of products and has been engineered to provide a multipurpose suspension or support clamp for ADSS cable. Cushion inserts gently grip the ADSS cable and provide moderate slip strength without damaging the cable jacket. The dielectric material of the body provides a highly abrasion resistant surface that allows the body to be used as a stringing device.

"Short Span" Series are recommended for ADSS spans up to 200m. Subject to ADSS cable design and operating conditions.

Line Angles:

Maximum recommended line angle for the FIBERLIGN® Dielectric Suspension/Support "Short Span" Series is 20°. Greater angles can be achieved by using the FIBERLIGN® Dielectric Suspension/Support "Medium Span" and "Long Span" Series.

Part Number	Conductor Diameter Range (mm)	Thread Size (Support Bracket)
OFFDS2-070083	7.0 - 8.3	M16
OFFDS2-084095	8.4 - 9.5	M16
OFFDS2-096108	9.6 - 10.8	M16
OFFDS2-109121	10.9 - 12.1	M16
OFFDS2-120129	12.0 - 12.9	M16
OFFDS2-130139	13.0 - 13.9	M16
OFFDS2-140149	14.0 - 14.9	M16
OFFDS2-150159	15.0 - 15.9	M16
OFFDS2-160169	16.0 - 16.9	M16
OFFDS2-170179	17.0 - 17.9	M16
OFFDS2-180189	18.0 - 18.9	M16
OFFDS2-190199	19.0 - 19.9	M16
OFFDS2-200210	20.0 - 21.0	M16
OFFDS2-211229	21.1 - 22.9	M16
OFFDS2-230241	23.0 - 24.1	M16
OFFDS2-242254	24.2 - 25.4	M16
OFFDS2-255267	25.5 - 26.7	M16

Note: * Subject to ADSS cable design and operating condition.

FIBERLIGN® Dielectric Suspension



OFDSC

FIBERLIGN® Dielectric Suspension Short Span Series

The FIBERLIGN® Dielectric Suspension fitting is intended for use on All-dielectric Self-supporting (ADSS) optical fiber cables, typically installed on distribution power poles. Cushion inserts gently grip the ADSS cable and provide moderate slip strength without damaging the cable jacket.

“Short Span” Series are recommended for ADSS spans up to 200m. Subject to ADSS cable design and operating conditions.

Line Angles:

Maximum recommended line angle for the FIBERLIGN® Dielectric Suspension/Support Short Span Series is 20°. Greater angles can be achieved by using the FIBERLIGN® Dielectric Suspension/Support Medium Span and Long Span Series.

Part Number	Conductor Diameter Range (mm)
OFDSC-070083	7.0 - 8.39
OFDSC-084095	8.4 - 9.59
OFDSC-096108	9.6 - 10.89
OFDSC-109121	10.9 - 11.99
OFDSC-120125-3	12.0 - 12.99
OFDSC-130135-1	13.0 - 13.99
OFDSC-140145-3	14.0 - 14.99
OFDSC-150155-3	15.0 - 15.99
OFDSC-160165-1	16.0 - 16.99
OFDSC-170177-1	17.0 - 17.99
OFDSC-180185	18.0 - 18.99
OFDSC-190195	19.0 - 19.99
OFDSC-200210	20.0 - 21.09
OFDSC-211221	21.1 - 22.19
OFDSC-222231	22.2 - 23.19

Note: * Subject to ADSS cable design and operating condition.

FIBERLIGN® Dielectric Suspension



OFDSA

FIBERLIGN® Dielectric Suspension Medium Span Series

Incorporating structural reinforcing rods along with the cushion inserts. The ADSS cable is gently gripped while still achieving moderate slip strength without damaging the cable jacket.

“Medium Span” Series are recommended for ADSS spans up to 350m. Subject to ADSS cable design and operating conditions.

Line Angles:

Maximum recommended line angle for a single FIBERLIGN® Dielectric Suspension/Support “Medium Span” Series is 30°. For turning angles up to 60° the double suspension is recommended, please contact PLP for support.

Part Number	Conductor Diameter Range (mm)
OFDSA-124129	12.4 - 12.99
OFDSA-130137	13.0 - 13.79
OFDSA-138146	13.8 - 14.69
OFDSA-147153	14.7 - 15.69
OFDSA-154160	15.4 - 16.09
OFDSA-161169	16.1 - 16.99
OFDSA-170179	17.0 - 17.99
OFDSA-180189	18.0 - 18.99
OFDSA-190199	19.0 - 19.99
OFDSA-200209	20.0 - 20.99
OFDSA-210219	21.0 - 21.99

Note: * Subject to ADSS cable design and operating condition.

FIBERLIGN® Dielectric Suspension



OFSAG

FIBERLIGN® Dielectric Suspension Long Span Series

The unit uses the concept of a combination of structural reinforcing rods, outer rods, 'bolted' housing and resilient cable inserts to reduce compression clamping and bending stress on the cable and glass fibers. Effects of wind-induced cable motions such as Aeolian vibration, galloping and wind sway are also minimized.

The double layer of rods also offers critical protection against tearing of the plastic jacket during unbalanced longitudinal loading of the cable while providing substantial holding strength. This holding strength can vary according to cable brand, jacket type, operating temperature and other factors.

Long Span Series are recommended for ADSS spans up to 600m. Subject to ADSS cable design and operating conditions.

Line Angles:

Maximum recommended line angle for a single FIBERLIGN® Dielectric Suspension/Support "Long Span" Series is 30°. For turning angles up to 60° the double suspension is recommended, please contact PLP for support.

Part Number	Conductor Diameter Range (mm)
OFSAG-104	10.4 - 11.0
OFSAG-111	11.1 - 11.6
OFSAG-117	11.7 - 12.1
OFSAG-121	12.2 - 12.9
OFSAG-130	13.0 - 13.9
OFSAG-136	14.0 - 14.5
OFSAG-146	14.6 - 15.0
OFSAG-151	15.1 - 15.7
OFSAG-158	15.8 - 16.3
OFSAG-164	16.4 - 17.0
OFSAG-171	17.1 - 17.5
OFSAG-176	17.6 - 18.0
OFSAG-181	18.1 - 18.5
OFSAG-186	18.6 - 19.0
OFSAG-191	19.1 - 19.5
OFSAG-196	19.6 - 20.1
OFSAG-202	20.2 - 20.9
OFSAG-210	21.0 - 21.3
OFSAG-214	21.4 - 22.0
OFSAG-221	22.1 - 22.5
OFSAG-226	22.6 - 23.0

FIBERLIGN® Spiral Vibration Dampers



OFSVD

FIBERLIGN® Spiral Vibration Dampers For ADSS

The FIBERLIGN® Spiral Vibration Damper effectively reduces levels of Aeolian vibration on ADSS cables without the need to calculate precise positioning. Each FIBERLIGN® Spiral Vibration Damper has a helically formed dampening section that contacts the cable to dissipate the vibration wave. A smaller gripping section gently grips the cable so that cable and fiber are not damaged or distorted and there is no optical signal loss. ADSS cables tend to vibrate with less wind energy input as compared to other cables of comparable size, mainly due to their relatively lighter weight. The degree of protection needed for a specific application depends on a number of factors such as cable type, line design, temperature, tension and exposure to wind flow.

Part Number	Conductor Diameter Range (mm)	Standard Pack Qty	Colour Code	Material
OFSVD-0103-B	6.35 - 8.29	60	blue	Black PVC
OFSVD-0104-B	8.30 - 11.74	60	black	Black PVC
OFSVD-0105-B	11.75 - 14.30	60	yellow	Black PVC
OFSVD-0106-B	14.31 - 19.30	40	green	Black PVC
OFSVD-0108	19.58 - 22.25	25	-	Grey PVC
OFSVD-0109	22.25 - 25.5	25	-	Grey PVC

Spiral Vibration Damper Placement Guide

Span Length (m)	Standard SVD Quantities
<50	0
50-150	2
150-350	4
350-550	6
550 - 700	8
700 - 850	10
850 - 1000	12
1000 - 1150	14

- SVDs may be subset together in sets of up to 3 apiece; do not place more than 3 SVDs together in a subset as this can cause them to bind and reduce their overall effectiveness.
- SVDs have the advantage of being placement independent and may be placed at either end of the span, or on both ends if so desired. However, please note that SVDs are designed to be placed directly on to the conductor or shield wire and not on to rods or attachment hardware. A general recommendation, place SVDs on the bare conductor or shield wire approximately one hand's width away from suspension rods, dead-end rods, ties, etc.
- Please consult PLP for recommendations when;
 - * Flat open Terrain, river or gully crossings
 - * Tensions are greater than 20% UTS
 - * Aerial warning spheres are installed

FIBERLIGN® Downlead Cushion

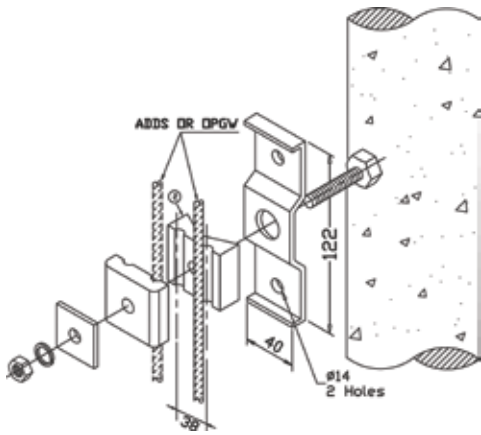
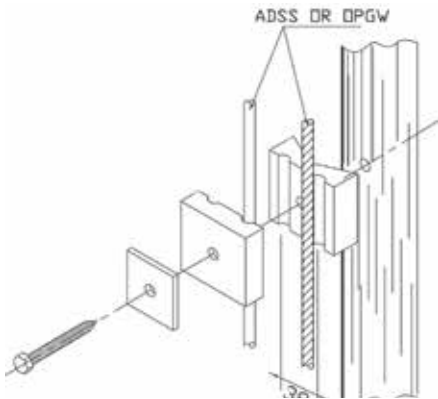


OFDLC

FIBERLIGN® Downlead Cushion For Concrete/Steel and Wood Poles

The FIBERLIGN® Downlead Cushion will accommodate one or two ADSS cables. Made of a weather-resistant polymeric material, the Fiberlign® Downlead Cushion secures ADSS or standard fibre optic cable downloads to structures while minimising compression clamping forces which could be transferred to the optical elements.

Part Number Wood Poles	Part Number Concrete Poles	Diameter Range (mm)
OFDLC-8003041	OFDLC-8003041A	9.5 - 11.8
OFDLC-8003042	OFDLC-8003042A	11.9 - 14.3
OFDLC-8003043	OFDLC-8003043A	14.4 - 16.6
OFDLC-8003044	OFDLC-8003044A	16.7 - 19.1
OFDLC-8003052	OFDLC-8003052A	19.2 - 21.5
OFDLC-8003256	OFDLC-8003256A	21.6 - 24.1
OFDLC-8003257	OFDLC-8003257A	24.2 - 26.6
OFDLC-8003379	OFDLC-8003379A	26.7 - 30.2



FIBERLIGN® Cable Abrasion Protector



PTG

FIBERLIGN® Cable Abrasion Protector For ADSS

The FIBERLIGN® Cable abrasion protector is intended to protect the ADSS cable jacket from abrasion from structures, trees or other cables. It is made from black, low density polyethylene for low cost and superior abrasion resistance.

The tube may be cut in the field to accommodate specific length needs.

Part Number	Diameter Range (mm)	Protector ID (mm)	Protector Length (mm)
PTG-0201	6.04-12.7	12.7	1800
PTG-0203	12.8-25.4	25.4	1800
PTG-0203-0900	12.8 - 25.4	25.4	900
PTG-0205	25.6-38.1	38.1	1800

FIBERLIGN® ADSS Cable Storage Bracket



OFSCCM

FIBERLIGN® ADSS Cable Storage Bracket

The FIBERLIGN® Cable Storage Bracket is designed to store excess ADSS or underground fibre optic cable. Excess cable can be utilised for future loop joints or T-offs. Two size available to cater for allowable minimum bend radius of fibre optic cable.

Features:

- Standard: Galvanised steel finish.
- For Plastic coating finish, contact PLP.

Part Number	Minimum Bend Radius (mm)	Finish
OFSCCM-02-250	250	Galvanise
OFSCCM-02-250-N	250	Galvanise/Nylon
OFSCCM-02-400	400	Galvanise
OFSCCM-02-400-N	400	Galvanise/Nylon



PREFORMED LINE PRODUCTS
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Section 4 - Figure 8 Fittings & Accessories

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PLP[®] IBC Bracket



SBBP

IBC Termination Assembly

For Integral Bearer Cable/Figure 8 Cable

The PLP IBC Bracket is designed to support and terminate IBC communications cable, typically installed on distribution power poles.

Part Number	Bare Strand Diameter Range (mm)
SBBP-025	2.4 - 2.6
SBBP-038	3.6 - 3.8
SBBP-043	4.2 - 4.4
SBBP-048	4.7 - 4.9
SBBP-060	5.6 - 6.1



SBP

IBC Support Assembly

Part Number	Covered Strand Diameter Range (mm)
SBP - 01	5 - 8

PREFORMED[™] Termination

S424

PREFORMED[™] Termination For Figure 8 or Lashed Cable Applications



The PREFORMED[™] Termination is a strand terminating device which is used by hundreds of electric power utilities, telephone companies, CATV companies and government installations throughout the world. PREFORMED[™] Termination provide a superior, as well as economical way to secure guy by using a proven helical concept that provides a constant radial gripping force on the strand.

PREFORMED[™] Terminations are made from the same basic material as the strand to reduce the possibility of electro-galvanic corrosion.

Part Number	Strand Diameter Range (mm)
S424-00130-Blue	1/2.50mm
S424-00127-Green	7/1.25mm
S424-00128-Black	7/1.60mm
S424-00129-Yellow	7/2.00mm
GFG-060-LH*	7/2.00mm

Notes:

- **Material:** Galvanised Steel
- **Lay:** to suit right hand lay strand
- * **Lay:** to suit left hand lay strand

FIBERLIGN® Dielectric Suspension



OFDSC-8 Figure 8 Suspension Clamp

The FIBERLIGN® Dielectric Suspension fitting is intended for use on (Figure 8) optical fiber cables, typically installed on distribution power poles. Cushion inserts gently grip the Figure 8 cable and provide moderate slip strength without damaging the cable jacket.

“Short Span” Series are recommended for Figure 8 spans up to 200m. Subject to Figure 8 cable design and operating conditions.

Line Angles:

Maximum recommended line angle for the FIBERLIGN® Dielectric Suspension/Support Short Span Series is 20°. Greater angles can be achieved by using the FIBERLIGN® Dielectric Suspension/Support Medium Span and Long Span Series.

PREFORMED™ Strand Splice



GFS PREFORMED™ Strand Splice For SC/GZ

PREFORMED™ Strand Splices are used to repair strand or messenger cable simply and economically. Because of its superior design, the PREFORMED™ Strand Splice provides maximum strength and excellent fatigue characteristics, resulting in longer life for both strand and messenger.

Part Number	Strand Diameter (mm)
GFS-025	2.4 - 2.6
GFS-038	3.6 - 3.8
GFS-043	4.2 - 4.4
GFS-048	4.7 - 4.9
GFS-060	5.9 - 6.1
GFS-060-LH*	5.9 - 6.1

Notes:

- **Material:** Galvanised Steel
- **Lay:** to suit right hand lay strand
- * **Lay:** to suit left hand lay strand

PREFORMED™ Lashing Rod



GLR

PREFORMED™ Lashing Rod

PREFORMED™ Lashing Rods can be used on all types of messengered overhead cables. They are particularly adaptable to spans obstructed by trees, short spans over traffic intersections, or repairing existing installations. Once applied they provide a permanently snug and secure fit. The factory preformed helical rods have an overall low cost with simple installation that requires no special tools or lashing machines.

Part Number (Standard)	Part Number (Coated)	Conductor Diameter Range (mm)	Standard Pack Quantity	Colour Code
GLR-10-11	GLR-10-11C	10.00 - 11.00	100	Yellow
GLR-15-17	GLR-15-17C	15.00 - 17.00	100	Red
GLR-171190	GLR-171190C	17.10 - 19.00	200	Black
GLR-191213	GLR-191213C	19.10 - 21.30	200	Red
GLR-214239	GLR-214239C	21.40 - 23.90	200	White
GLR-240266	GLR-240266C	24.00 - 26.60	200	Orange
GLR-267297	GLR-267297C	26.70 - 29.70	200	Green
GLR-298332	GLR-298332C	29.80 - 33.20	200	Yellow
GLR-333371	GLR-333371C	33.30 - 37.10	200	Purple
GLR-372414	GLR-372414C	37.20 - 41.40	100	Red
GLR-415462	GLR-415462C	41.50 - 46.20	200	White
GLR-463518	GLR-463518C	46.30 - 51.80	100	Orange

Size Selection

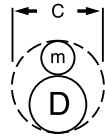
In selecting the proper size lashing rod it is necessary to determine the smallest circumscribing circle that will enclose the messenger and cables.

For most installations, one Lashing Rod should be applied, overlapping one pitch length with each successive rod. Two Lashing Rods, applied 180° apart, are recommended when the cable-messenger assembly weighs more than 12 kg per metre, or at installation where the angle of sag exceeds 20° from the horizontal.

ONE CABLE

For grouping only one cable with a messenger, add the diameters and multiply by a factor of 0.850

$$C = (D + m) \times 0.85$$

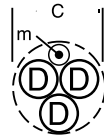


THREE CABLE

For grouping three equal diameter cables; multiply the diameter of one cable by a factor of 2.155. Then to find the diameter of the maximum messenger that will fit in the interstices of the cables, multiply the diameter of one cable by a factor of 0.483

$$C = D \times 2.155$$

$$m = D \times 0.483$$

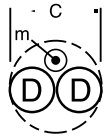


TWO CABLE

For grouping two equal diameter cables; multiply the diameter of one cable by a factor of 2.00. Then find the diameter of the maximum messenger that will fit in the interstices of the cables, and multiply the diameter of one cable by a factor of 0.666.

$$C = D \times 2.00$$

$$m = D \times 0.666$$

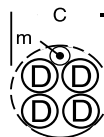


FOUR CABLE

For grouping four equal diameter cables; multiply the diameter of one cable by a factor of 2.414. Then to find the diameter of the maximum messenger that will fit in the interstices of the cables, multiply the diameter of one cable by a factor of 0.414

$$C = D \times 2.414$$

$$m = D \times 0.414$$



UNEQUAL DIAMETER CABLE

For grouping unequal diameter cables, or messengers too large to fit into the interstices above, the minimum diameter grouping can best be determined by a graphic layout to scale.



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Section 5 - OPGW Fittings & Closures

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FIBERLIGN® Dead-end



The FIBERLIGN® Dead-end is designed to terminate Optical Ground Wire (OPGW) while minimising any compression stresses that may be transferred to the core or optical elements within. The combination of retaining rods, wedge and housing distribute axial and compressive loading over a large area of the OPGW cable. Left-hand or right-hand lay style is provided to suit left-hand or right-hand lay OPGW respectively.

The slotted housing design allows for the application of the FIBERLIGN® Dead-end at any location on the OPGW.

Integral Bonding Point:

Provisions for electrically bonding the OPGW to the supporting structure or ground lead are an integral part of the housing. An earth bonding lead pre assembled with compression terminals is included in the kit. This assembly can be connected from the FIBERLIGN® Dead-end to the ground point in your system.

A second earth bonding lead can be connected for higher fault current requirement. Consult PLP for recommendations.

Sag Adjustment:

The U-bolt provides up to 450 mm of take-up to allow for tension adjustment and extra clearance distance, without the need for additional hardware such as a turnbuckle or extension links.

- Product subject to cable design, constructions and testing
- Contact PLP with project and cable specification for product recommendation

FIBERLIGN® Dead-end



OPGWTS

FIBERLIGN® Dead-end

Assembly Part Number	Cable Diameter Range (mm)	Colour Code
OPGWTS-0900*	9.00 - 9.49	Pink
OPGWTS-0950*	9.50 - 9.99	Orange
OPGWTS-1000*	10.00 - 10.39	Red
OPGWTS-1040*	10.40 - 10.79	Black
OPGWTS-1080*	10.80 - 11.29	Green
OPGWTS-1130*	11.30 - 11.69	Brown
OPGWTS-1170*	11.70 - 12.09	Purple
OPGWTS-1210*	12.10 - 12.59	Yellow
OPGWTS-1260*	12.60 - 12.99	Blue
OPGWTS-1300*	13.00 - 13.39	White
OPGWTS-1340*	13.40 - 13.89	Orange
OPGWTS-1390*	13.90 - 14.29	Red
OPGWTS-1430*	14.30 - 14.60	Black
OPGWTS-1461*	14.61 - 15.10	Green
OPGWTS-1511*	15.11 - 15.50	Brown
OPGWTS-1551*	15.51 - 15.99	Purple
OPGWTS-1600*	16.00 - 16.40	Yellow
OPGWTS-1641*	16.41 - 16.99	Blue
OPGWTS-1700*	17.00 - 17.20	White
OPGWTS-1721*	17.21 - 17.70	Orange
OPGWTS-1771*	17.71 - 18.00	Red
OPGWTS-1801*	18.01 - 18.50	Black
OPGWTS-1851*-2E	18.51 - 19.00	Brown
OPGWTS-1901*-2E	19.01 - 19.40	Purple
OPGWTS-1941*-2E	19.41 - 19.80	Purple
OPGWTS-1981*-2E	19.81 - 20.20	Yellow
OPGWTS-2021*-2E	20.21 - 20.70	Yellow
OPGWTS-2071*-2E	20.71 - 21.10	Blue
OPGWTS-2111*-2E	21.11 - 21.50	Blue
OPGWTS-2151*-2E	21.51 - 22.00	Orange
OPGWTS-2201*-2E	22.01 - 22.40	Orange
OPGWTS-22.41*-2E	22.41 - 22.80	Red
OPGWTS-2281*-2E	22.81 - 23.20	Red
OPGWTS-2321*-2E	23.21 - 23.80	Black

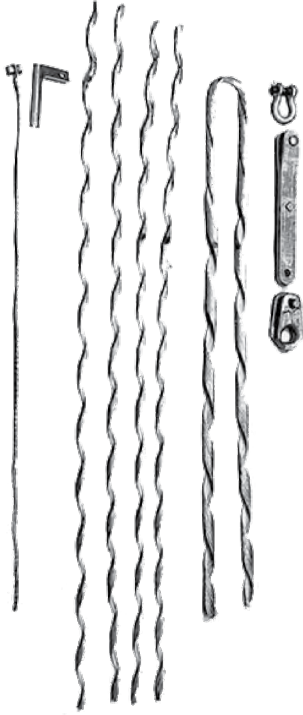
Note: -2E denotes 2 x earth bonding leads for high fault current OPGW.

* Substitute L for left hand Lay conductors

* Substitute R for Right Hand Lay conductors

OPGWTS - Assembly contents
Wedge Type Dead-end Assembly
70 kN Shackle
Earth bonding lead with lugs

FIBERLIGN® Formed Wire Dead-end



The FIBERLIGN® Formed Wire Dead-end offers an alternate method for dead-ending OPGW. Unlike the FIBERLIGN® Dead-end “U-Bolt Type” design shown at the beginning of this section, the Formed Wire Dead-end uses two helically shaped formed wire components: an inner layer of Structural Reinforcing Rods and an outer layer Dead-end component. The formed wire inner and outer layer components are designed to transfer axial tensile loads and distribute radial compressive forces over the surface in contact with the OPGW to minimize effects on the central core and internal optical fibers. Standard designs offered for left-hand lay single layer strand OPGW are listed in the table in this section. The standard Structural Reinforcing Rod component is right-hand lay and the standard Dead-end Component is left-hand lay.

The rated breaking strength of OPGW with multi-layer strand construction may exceed the rated holding strength of a Formed Wire Dead-end. Consult PLP before using this product for multi-layer applications. Useful dimensions for VORTX™ damper placement are listed in the catalogue table and shown in a reference drawing above the catalogue table.

Current Transfer Tab:

The Current Transfer Tab provides direct electrical bonding between the OPGW and a ground lead. The Structural Reinforcing Rod Layer conveniently applies proper compression to retain the current transfer tab against the OPGW without fasteners. The current transfer tab has a $\varnothing 12.5\text{mm}$ diameter bolt hole to accommodate a standard M10 bolt, for compatible ground lug attachment. The standard current transfer tab accommodates left-hand lay OPGW and is rated for 80 kA2S to 150 kA2S depending on size of dead-end unit. Right-hand lay units for special applications are also available. Consult PLP for specifics.

Component Strength:

The strength of the thimble clevis, extension link, and anchor shackle are designed to meet or exceed the maximum rated holding strength. Refer to PLP drawings for recommendations.

Holding Strength:

Specific holding strengths on an OPGW cable will depend upon that cable's internal construction design and composition of the materials used for the individual strands. The highest holding capabilities exist with cable that use all aluminium clad steel strands in a single layer. Use of multi-layer and/or aluminium alloy strands may reduce holding capabilities. Consult PLP for information regarding holding abilities of the FIBERLIGN® Formed Wire Dead-end for a specific OPGW design.

Lay Direction:

Left-hand lay is standard. Right-hand lay units for right-hand lay OPGW are available. Contact PLP with cable specifications for further information.

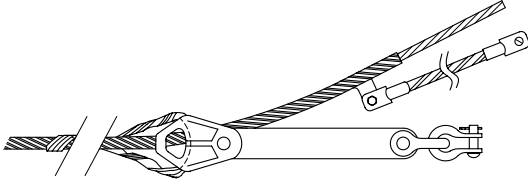
Component Reuse:

Once installed, structural reinforcing rods and dead-end components may be removed and reinstalled once for repositioning purposes; do not reuse after this initial installation. The hardware components may be reused as long as they are in good condition. Do not modify any components.

FIBERLIGN® Formed Wire Dead-end

OPGWFWTS

FIBERLIGN® Formed Wire Dead-end



String Assembly Part Number	Conductor Diameter Range (mm)	Colour Code
OPGWFWTS-0900#	9.00 - 10.15	Brown
OPGWFWTS-1016#	10-16 - 11.40	Blue
OPGWFWTS-1141#	11.41 - 12.80	Red
OPGWFWTS-1281#	12.81 - 14.10	Orange
OPGWFWTS-1411#	14.11 - 15.49	Black
OPGWFWTS-1550#	15.50 - 17.27	Green
OPGWFWTS-1728#	17.28 - 19.18	Pink

FIBERLIGN® Suspension



The FIBERLIGN® Suspension provides superior cable and fibre protection at the support point. The combination of structural reinforcing rods, outer rods, 'boltless' housing and resilient inserts reduces compression, clamping, and bending stresses on cable. Negative effects of wind-induced cable motion, such as aeolian vibration, galloping, and wind sway are also minimised. Left-hand or right-hand lay style is provided to suit left-hand or right-hand lay OPGW respectively.

Integral grounding point:

The current transfer tab provides direct electrical bonding between OPGW and a ground lead. The current transfer tab eliminates current transfer through components of the suspension unit.

Grounding wire assembly options:

An earth bonding lead with compression terminal are provided. This assembly can be connected from the FIBERLIGN® Suspension to the ground point in your system. Higher fault current requirements can be accommodated by the use of a 'higher rated' current transfer tab or a second earth bonding lead. Consult PLP for recommendation.

Line Angles:

The maximum recommended line angle for a single FIBERLIGN® Suspension is 30°. For OPGW line angles between 30° and 60°, the FIBERLIGN® Suspension: Double is recommended, although double dead-ending is another option.

- Product subject to cable design, constructions and testing
- Contact PLP with project and cable specification for product recommendation

FIBERLIGN® Suspension - Single



Note: -2E denotes 2x earth bonding leads

* Substitute L for left hand Lay conductors

* Substitute R for Right Hand Lay conductors

OPGWSS - Assembly contents
Suspension body
Structural rods
Outer rods
Current transfer tab with M16 Assembly
70 kN shackle
70 kN eye tongue
Earth bonding lead with lugs

OPGWSS

FIBERLIGN® Suspension Single

Single Part Number	Double Part Number	Diameter Range (mm)	Colour Code Inner	Colour Code Outer
OPGWSS-0900*C	OPGWDSS-0900*	9.00 - 9.68	Blue	Blue
OPGWSS-0969*C	OPGWDSS-0969*	9.69 - 10.11	Green	Green
OPGWSS-1012*C	OPGWDSS-1012*	10.12 - 10.62	Yellow	Yellow
OPGWSS-1063*C	OPGWDSS-1063*	10.63 - 11.15	Black	Black
OPGWSS-1116*C	OPGWDSS-1116*	11.16 - 11.63	White	White
OPGWSS-1164*C	OPGWDSS-1164*	11.64 - 11.71	Purple	Orange
OPGWSS-1172*C	OPGWDSS-1172*	11.72 - 12.09	Purple	Purple
OPGWSS-1210*C	OPGWDSS-1210*	12.10 - 12.78	Orange	Orange
OPGWSS-1279*C	OPGWDSS-1279*	12.79 - 12.98	Red	Purple
OPGWSS-1299*C	OPGWDSS-1299*	12.99 - 13.61	Blue	Blue
OPGWSS-1362*C	OPGWDSS-1362*	13.62 - 14.20	Green	Green
OPGWSS-1421*C	OPGWDSS-1421*	14.21 - 14.35	Green	Green
OPGWSS-1436*C	OPGWDSS-1436*	14.36 - 14.55	Black	Black
OPGWSS-1456*C	OPGWDSS-1456*	14.56 - 15-19	Black	White
OPGWSS-1520*C	OPGWDSS-1520*	15.20 - 15-80	Brown	Brown
OPGWSS-1581*C	OPGWDSS-1581*	15.81 - 16.05	Red	Red
OPGWSS-1581*-2E	-	15.81 - 16.05	Red	Red
OPGWSS-1606*C	OPGWDSS-1606*	16.06 - 16.92	Red	Blue
OPGWSS-1606*-2E	-	16.06 - 16.92	Red	Blue
OPGWSS-1693*C	OPGWDSS-1693*	16.93 - 17.32	Yellow	Green
OPGWSS-1693*-2E	-	16.93 - 17.32	Yellow	Green
OPGWSS-1733*C	OPGWDSS-1733*	17.33 - 18.03	Yellow	Yellow
OPGWSS-1733*-2E	-	17.33 - 18.03	Yellow	Yellow
OPGWSS-1804*C	OPGWDSS-1804*	18.04 - 18.49	White	Black
OPGWSS-1804*-2E	-	18.04 - 18.49	White	Black
OPGWSS-1850*C	OPGWDSS-1850*	18.50 - 18.90	White	White
OPGWSS-1891*C	OPGWDSS-1891*	18.91 - 19.05	White	White

OPGWDSS

FIBERLIGN® Suspension Double



OPGWDSS - Assembly Contents
Suspension body x2
Structural rods
Outer rods
Triangular yoke plate
Shackles x2
Clevis Tongue x2
Earth bonding lead with lugs and current transfer tab

FIBERLIGN® Cushion Clamp



The FIBERLIGN® Cushion Clamp provides excellent protection to OPGW at support points. The combination of the Structural Reinforcing Rods and the elastomer inserts at the ends of the clamp body halves reduces bending stresses on the OPGW during aeolian vibration or galloping activity. The Cushion Clamp is designed to suit LV or HV power systems with spans up to 250m. For spans greater than 250m, FIBERLIGN® Suspension or support are recommended.

Lay Direction:

The Cushion Clamp can accommodate either left-hand lay or right-hand lay OPGW.

Line Angles:

The maximum recommended line angle for a single FIBERLIGN® Cushion Clamp is 30°. For line angles up to 60°, the Double suspension cushion clamp is recommended.

- Product subject to cable design, constructions and testing
- Contact PLP with project and cable specification for product recommendation

FIBERLIGN® Cushion Clamp



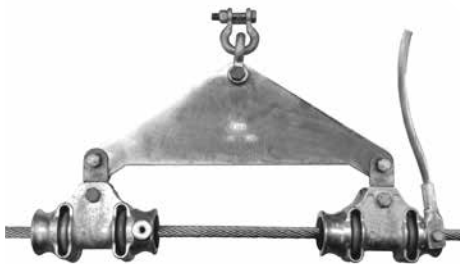
OPGWCCS

FIBERLIGN® Cushion Clamp Suspension

Assembly Part Number	Cable Diameter Range (mm)
OPGWCCS-090098	9.00 - 9.80
OPGWCCS-099109	9.90 - 10.90
OPGWCCS-110116	11.00 - 11.6
OPGWCCS-117122	11.70 - 12.20
OPGWCCS-123128	12.30 - 12.80
OPGWCCS-129136	12.90 - 13.60
OPGWCCS-137143	13.70 - 14.30
OPGWCCS-144148	14.40 - 14.80
OPGWCCS-149156	14.90 - 15.60
OPGWCCS-157163	15.70 - 16.30
OPGWCCS-164168	16.40 - 16.80
OPGWCCS-177183	17.70 - 18.30
OPGWCCS-184188	18.40 - 18.80
OPGWCCS-189196	18.90 - 19.60
OPGWCCS-197202-2E	19.61 - 20.20
OPGWCCS-209217-2E	20.90 - 21.70
OPGWCCS-232239-2E	23.20 - 23.90
OPGWCCS-256263-2E	25.60 - 26.30

OPGWCCS - Assembly contents
Cushion Clamp
70kN shackle
Earth Bonding Lead

Note: -2E denotes 2x earth bonding leads



OPGWDCCS

FIBERLIGN® Double Cushion Clamp Suspension

Assembly Part Number	Cable Diameter Range (mm)
OPGWDCCS-090098	9.00 - 9.80
OPGWDCCS-099109	9.90 - 10.90
OPGWDCCS-110116	11.00 - 11.6
OPGWDCCS-117122	11.70 - 12.20
OPGWDCCS-123128	12.30 - 12.80
OPGWDCCS-129136	12.90 - 13.60
OPGWDCCS-137143	13.70 - 14.30
OPGWDCCS-144148	14.40 - 14.80
OPGWDCCS-149156	14.90 - 15.60
OPGWDCCS-157163	15.70 - 16.30
OPGWDCCS-164168	16.40 - 16.80
OPGWDCCS-177183	17.70 - 18.30
OPGWDCCS-184188	18.40 - 18.80
OPGWDCCS-189196	18.90 - 19.60
OPGWDCCS-197202-2E	19.61 - 20.20
OPGWDCCS-209217-2E	20.90 - 21.70
OPGWDCCS-232239-2E	23.20 - 23.90
OPGWDCCS-256263-2E	25.60 - 26.30

OPGWDCCS - Assembly contents
Cushion Clamp x2
70kN shackle x2
Clevis Tongue x2
Triangular Yoke Plate
Earth Bonding Lead

FIBERLIGN® OPGW Accessories



OPGWRR

FIBERLIGN® Repair Rod

FIBERLIGN® Repair Rods are designed as a single component, outer layer assembly for use on OPGW. It is intended to repair the outer mechanical strand members on an OPGW cable. This is not an optical repair product.

These OPGW Repair Rods are not designed or tested as splices for use on all-metal overhead earth wire and are not intended for that application.

- Product subject to cable design, constructions and testing
- Contact PLP with project and cable specification for product recommendation

Assembly Part Number	Cable Diameter Range (mm)	Colour Code
OPGWRR-3600100*	8.90 - 9.70	Red
OPGWRR-3600101*	9.80 - 10.70	Black
OPGWRR-3600102*	10.80 - 11.60	Orange
OPGWRR-3600103*	11.70 - 12.80	Green
OPGWRR-3600104*	12.90 - 13.90	Blue
OPGWRR-3600105*	14.00 - 15.20	Yellow
OPGWRR-3600106*	15.30 - 16.70	Brown
OPGWRR-3600107*	16.80 - 18.20	Purple
OPGWRR-3600108*	18.30 - 19.90	Pink

Note:

- * Substitute L for left hand Lay conductors
- * Substitute R for Right Hand Lay conductors

OFDLC

FIBERLIGN® Downlead Cushion For Concrete or Steel Poles



The FIBERLIGN® Downlead Cushion will accommodate one or two OPGW or other cables as necessary. The base of the clamp is of die-cast aluminium, whereas the top is a polymeric material. The base ensures electrical bonding of the OPGW and the top minimises compressive forces which could be transferred through to the optical elements of the cable.

Part Number	Cable Diameter Range (mm)
OFDLC-8003041B	9.50 - 11.80
OFDLC-8003042B	11.90 - 14.30
OFDLC-8003043B	14.40 - 16.60
OFDLC-8003044B	16.70 - 19.10

FIBERLIGN® OPGW Accessories

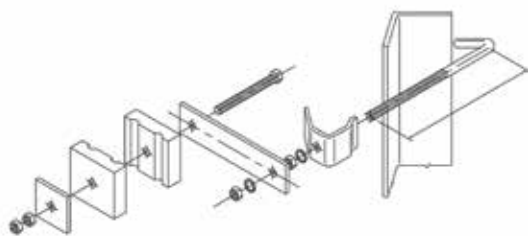
OFDLM

FIBERLIGN® Downlead Cushion



The FIBERLIGN® Downlead Cushion tower attachment will, with the change of only one component, fit any steel angle size to be found in a transmission line lattice-steel type tower without any drilling or other tower modification.

The actual clamping device will accommodate one or two OPGW or other cables as necessary. The base of the clamp is of die-cast aluminium, whereas the top is a polymeric material. The base ensures electrical bonding of the OPGW and the top minimises compressive forces which could be transferred through to the optical elements of the cable.



Part Number	Cable Diameter Range (mm)	Tower Angle Width (mm)
OFDLM-01-A	9.50 - 11.80	45 - 100
OFDLM-01-B	11.90 - 14.30	45 - 100
OFDLM-01-C	14.40 - 16.60	45 - 100
OFDLM-01-D	16.70 - 19.10	45 - 100
OFDLM-02-A	9.50 - 11.80	110 - 150
OFDLM-02-B	11.90 - 14.30	110 - 150
OFDLM-02-C	14.40 - 16.60	110 - 150
OFDLM-02-D	16.70 - 19.10	110 - 150
OFDLM-03-A	9.50 - 11.80	160 - 200
OFDLM-03-B	11.90 - 14.30	160 - 200
OFDLM-03-C	14.40 - 16.60	160 - 200
OFDLM-03-D	16.70 - 19.10	160 - 200
OFDLM-04-A	9.50 - 11.80	210 - 250
OFDLM-04-B	11.90 - 14.30	210 - 250
OFDLM-04-C	14.40 - 16.60	210 - 250
OFDLM-04-D	16.70 - 19.10	210 - 250

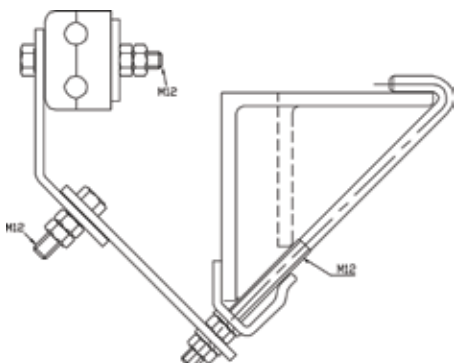
OFDLM

FIBERLIGN® Downlead Cushion With 45° Extension



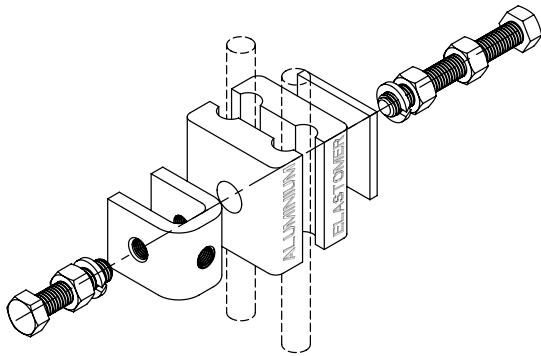
Features:

- For extra extension and greater mobility
- Available in either 2 or 4 cable clamping configuration



Part Number Double Clamp	Part Number Quad Clamp	Cable Diameter Range (mm)	Tower Angle Width (mm)
OFDLM-01-A-2	OFDLM-01-A-4	9.50 - 11.80	45 - 100
OFDLM-01-B-2	OFDLM-01-B-4	11.90 - 14.30	45 - 100
OFDLM-01-C-2	OFDLM-01-C-4	14.40 - 16.60	45 - 100
OFDLM-01-D-2	OFDLM-01-D-4	16.70 - 19.10	45 - 100
OFDLM-02-A-2	OFDLM-02-A-4	9.50 - 11.80	110 - 150
OFDLM-02-B-2	OFDLM-02-B-4	11.90 - 14.30	110 - 150
OFDLM-02-C-2	OFDLM-02-C-4	14.40 - 16.60	110 - 150
OFDLM-02-D-2	OFDLM-02-D-4	16.70 - 19.10	110 - 150
OFDLM-03-A-2	OFDLM-03-A-4	9.50 - 11.80	160 - 200
OFDLM-03-B-2	OFDLM-03-B-4	11.90 - 14.30	160 - 200
OFDLM-03-C-2	OFDLM-03-C-4	14.40 - 16.60	160 - 200
OFDLM-03-D-2	OFDLM-03-D-4	16.70 - 19.10	160 - 200
OFDLM-04-A-2	OFDLM-04-A-4	9.50 - 11.80	210 - 250
OFDLM-04-B-2	OFDLM-04-B-4	11.90 - 14.30	210 - 250
OFDLM-04-C-2	OFDLM-04-C-4	14.40 - 16.60	210 - 250
OFDLM-04-D-2	OFDLM-04-D-4	16.70 - 19.10	210 - 250

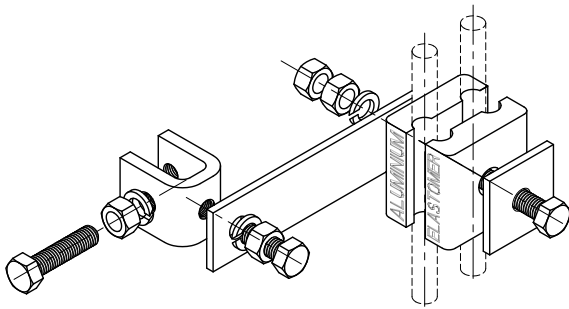
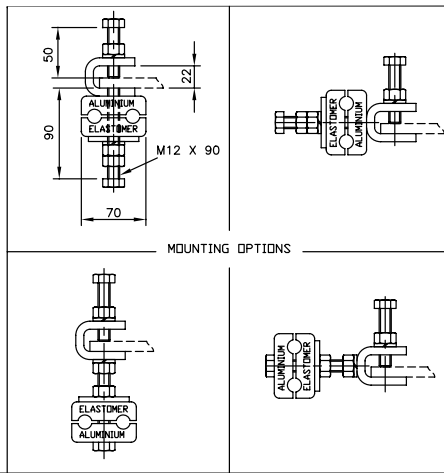
FIBERLIGN® OPGW Accessories



OFDLM-22

FIBERLIGN® Download Cushion Mount
For Tower/Stobie Pole

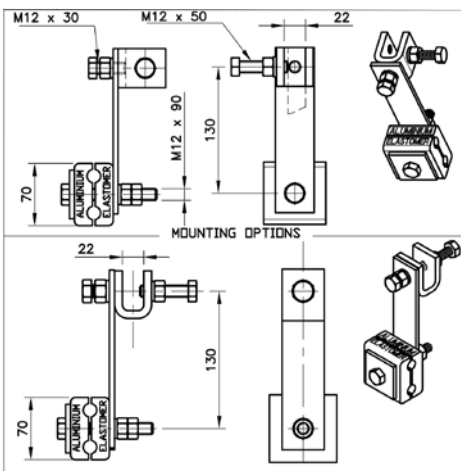
Part Number	Conductor Diameter Range (mm)
OFDLM-22-095118	9.5 - 11.8
OFDLM-22-119143	11.9 - 14.3
OFDLM-22-144166	14.4 - 16.6
OFDLM-22-167191	16.7 - 19.11
OFDLM-22-192215	9.2 - 21.5
OFDLM-22-216241	21.6 - 24.1



OFDLM-22E

FIBERLIGN® Download Tower 22mm, 130mm Extension

Part Number	Conductor Diameter Range (mm)
OFDLM-22E-095118	9.5 - 11.8
OFDLM-22E-119143	11.9 - 14.3
OFDLM-22E-144166	14.4 - 16.6
OFDLM-22E-167191	16.7 - 19.11
OFDLM-22E-192215	9.2 - 21.5
OFDLM-22E-216241	21.6 - 24.1



COYOTE® Splice Case



Versatile:

The COYOTE® Closure Case is very versatile accommodating a wide variety of optical fibre cables. It effectively maintains an airtight, watertight seal around all types of fibre optic cable.

Easy to use:

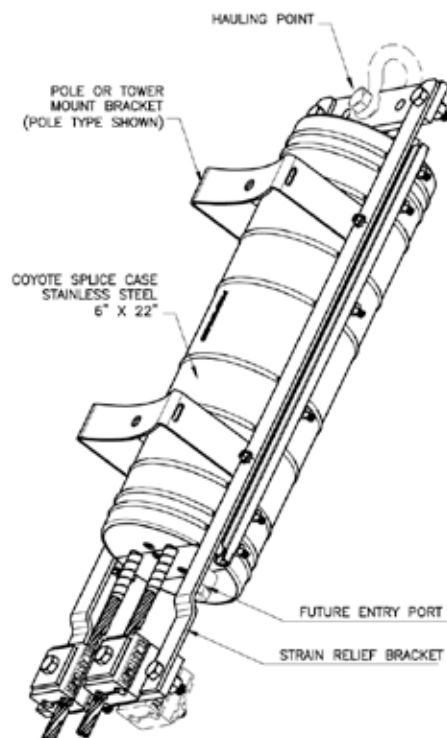
The COYOTE® Splice Case offers easy-to-use Lockbar™ fastening, reducing splice case installation and re-entry time. It can be easily re-entered without a special kit or special tools.

Secure:

The splice case remains secure whether the application is overhead or underground. Mounting brackets for overhead installation are available for wood poles, concrete/steel poles or transmission towers. The COYOTE® Splice Case is packaged to order for each communication application.

Features:

- Maintains an airtight and watertight seal
- Corrosion resistant
- Sealing system eliminates drilling and 'heat shrink' requirements
- Rapid installation and re-entry without special tools
- Splicing up to 864 fibres
- Versatile fibre management system



TYPICAL ASSEMBLY INCLUSIVE OF:

- COYOTE SPLICE CASE
- POLE OR TOWER MOUNT BRACKET
- STRAIN RELIEF BRACKET WITH HAULING POINT

COYOTE® Splice Case



CSL

Stainless Steel For OPGW Applications - 6.5" x 22"

OPGW Kit Contents Include:

- Splice Trays – 12/24 fibres per tray standard
- Maximum of 5 standard trays – 120 fibres
- Maximum of 6 low profile trays – 144 fibres
- Tower or pole mounting bracket
- PLP lock tape sealing system with c-cement
- Strain relief bracket
- Applications procedure with every kit
- PLP future entry port

Part Number
CSL***



Please contact PLP with the following information:

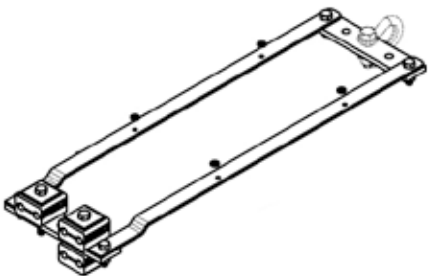
- Splice capacity required
- Loose or Uni-tube storage
- Number of entries – maximum of 4
- Cable diameters
- Strain relief bracket requirements
- Mounting hardware requirements
- Future entry port requirements
- Contact PLP for higher fibre capacity

Other size stainless steel closures are available:

- 6.6" x 22" - 180 max splice count (standard tray)
- 6.5" x 28" - 180 max splice count (standard trays)
- 8" x 28" - 252 max splice count (standard trays)
- 9.5" x 28" - 360 max splice count (standard trays)

OFSRB

Strain Relief Bracket



Part Number
OFSRB-065B-#####

- Securing Cables at entry point of splice case
- Strain relief

COYOTE® Splice Case Mounting Hardware

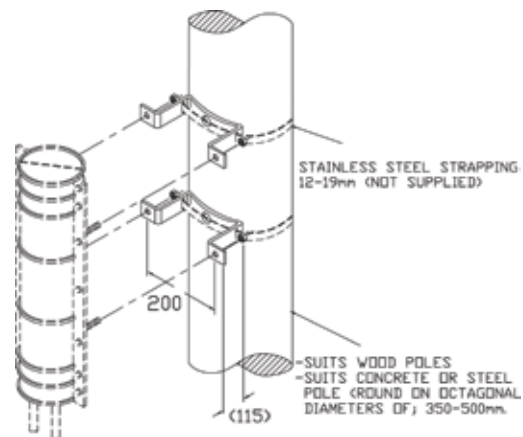


OFSCMOUNT Pole Mounting Bracket

Features:

- Suitable for wood, Concrete and Steel Poles
- Diameters of 350-500mm Standard
- 1 set includes 2 x brackets to install 1 COYOTE® Splice Case

Part Number
OFSCMOUNT-04

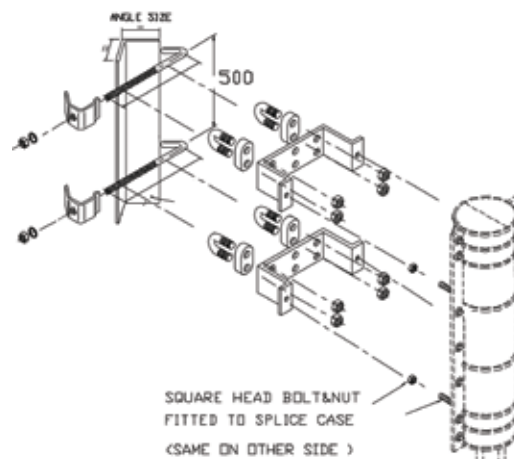


OFSCM Tower Mounting Bracket

Features:

- Suitable for all angle type tower construction
- 1 set includes 2 x brackets to install 1 COYOTE® Splice Case

Part Number	Tower Angle Size (mm)
OFSCM-05-01	45 – 100
OFSCM-05-02	110 – 150
OFSCM-05-03	160 – 200
OFSCM-05-04	210 - 250



COYOTE® Splice Case Mounting Hardware



BL Band Lock

The PLP® Band Strap System uses the unique Band Lock System to attach fittings safely and securely to steel or concrete poles. Supplied as one unit, it does not require any special tools. Quick and easy installation accepts 12, 16 or 19 mm stainless steel strapping.



Part Number
BL-10



SSS Stainless Steel Strap

Part Number	Reel Length (m)	Strap Width (mm)
SSS-1230	30	12
SSS-1630	30	16
SSS-1930	30	19



OFSCCM FIBERLIGN® Cable Storage Bracket

Part Number	Conductor Bend Radius (mm)
OFSCCM-01	530



SSSB Stainless Steel Buckle

Part Number	Suits Strap Width (mm)
SSSB-12	12
SSSB-16	16
SSSB-19	19



OFSCCM FIBERLIGN® Cable Storage Bracket Cover

Part Number
OFSCCM-01-C

Spiral Vibration Dampers



OFSVD

Spiral Vibration Dampers For OPGW

Made from high impact, UV resistant, polyvinyl chloride (PVC), they are non-corrosive and do not abrade the OPGW or require engineering calculations for positioning. Vibration dampers are designed to reduce cable vibration at tangent supports and dead-end positions. The degree of protection needed on a specific line depends upon a number of factors such as line design, temperature, tension, exposure to the wind flow and vibration history on similar constructions in the same area.

Part Number	Cable Diameter Range (mm)	Standard Pack Quantity	Colour Code
OFSVD-0102	4.42 - 6.34	60	Red
OFSVD-0103	6.35 - 8.29	60	Blue
OFSVD-0104	8.30 - 11.74	60	Black
OFSVD-0105	11.75 - 14.30	60	Yellow
OFSVD-0106	14.31 - 19.30	25	Green

Spiral Vibration Damper Placement Guide

Span Length (m)	Standard SVD Quantities
0 - 244	2
245 - 488	4
489 - 732	6
733 - 976	8
977 - 1220	10

- SVDs may be subset together in sets of up to 3 apiece; do not place more than 3 SVD's together in a subset as this can cause them to bind and reduce their overall effectiveness.
- SVDs have the advantage of being placement independent and may be placed at either end of the span, or on both ends if so desired. However, please note that SVDs are designed to be placed directly on to the conductor or shield wire and not on to rods or attachment hardware. A general recommendation, place SVDs on the bare conductor or shield wire approximately one hand's width away from suspension rods, dead-end rods, ties, etc.
- Please consult PLP for recommendations when;
 - * Flat open Terrain, river or gully crossings
 - * Tensions are greater than 20% UTS
 - * Aerial warning spheres are installed

VORTX™ Vibration Damper



Aeolian Vibration is a high frequency low amplitude motion caused by smooth laminar winds passing across the line. When conductors or cables are exposed to this wind a phenomenon known as eddy shedding occurs. Eddy or Vortex shedding creates an alternating pressure imbalance inducing the conductor to move up and down at right angles to the direction of air flow. These vibrations take the form of discrete standing waves that can cause support hardware breakdown, conductor fatigue, abrasion and eventually conductor failure.

The VORTX™ Damper exceeds the two response performance with a multi-response design that effectively reduces vibration over a wider range of imposing frequencies. This is accomplished by a design that has unequal messenger strand lengths enhanced in most cases with unequal weights. The weight sizes and messenger strand lengths are matched to specific conductor/cable impedance and line operating conditions that achieve optimum performance.

Features:

- Contoured Clamp - Aluminium alloy extrusions offer a more “precision” fit to evenly capture the conductor. As a result, tightening the bolt brings the clamp components together with evenly distributed pressure along the conductor surface.
- Clamp Profile - The clamp profile is configured to hang from the conductor or cable during installation in accordance with IEC standards. Hands are free to wrench tighten and reach proper torque.
- Messenger Strand - Galvanised steel messenger strand absorbs the vibration energy efficiently with optimum manufacturing techniques.
- Weight - Galvanised modular iron weights hug the sides of the messenger strand, not enclosing it. The possibility of corrosion is reduced.
- Weight Attachment: - PLP offers a collet type or crimped attachment to secure the weights to the messenger. Both meet pull-off strength requirements in accordance with IEC and AS1154.1 standards without changing properties of the adjoining messenger.

PLP uses a proprietary computer program to make product recommendations for maximising damper performance. The program input considers many variables specific to individual lines, their designs, construction, and local operating conditions. The output recommendations include; specific model VORTX™ Damper, quantity and their placement location on the span.

VORTX™ Stockbridge Damper

VSD - Selection Chart

For AAC, AAAC, ACSR and OPGW



Step 1: Choose conductor diameter from range below

Step 2: Choose clamp size from range below i.e. total diameter including armor rods if applicable

Step 3: Choose corresponding part number

Conductor Selection		Clamp Range		Part No.
Min (mm)	Max (mm)	Min (mm)	Max (mm)	
9.7	11.9	9.7	12.3	VSD-1012
		15.5	20	VSD-1020*
12	18.2	12.3	15.5	VSD-2016
		15.5	20	VSD-2020
		20	25	VSD-2025*
		25	32	VSD-2032*
18.3	21.7	15.5	20	VSD-2520
		20	25	VSD-2525
		25	32	VSD-2532*
21.8	24.9	20	25	VSD-3525
		25	32	VSD-3532*
		32	40.1	VSD-3540*
		40.1	50	VSD-3550*
25	33.9	25	32	VSD-4032
		32	40.1	VSD-4040
		40.1	50	VSD-4050*
		50	61	VSD-4061*
32.1	44.7	32	40.1	VSD-5040
		40.1	50	VSD-5050
		50	61	VSD-5061*

* Represent dampers that in most cases are placed over Armor or Structural Rods.

Note: Final selection for weight combination at merging ranges are determined from conductor type and tension. Contact PLP technical support for further recommendations.



VDSR - VORTX™ Damper Structural Rods

For OPGW & High Temperature Conductors.

Part Number	Conductor Diameter Range (mm)	Rod Length (mm)	Standard Pack Quantity	Colour Code
VDSR-110	10.5 - 11.49	500	50	Green
VDSR-120	11.5 - 12.49	500	50	Purple
VDSR-130	12.5 - 13.79	500	50	Orange
VDSR-140	13.8 - 14.89	500	50	Blue
VDSR-150	14.9 - 15.49	500	30	Brown
VDSR-160	15.5 - 16.49	500	30	Yellow
VDSR-170	16.5 - 17.49	500	30	Red
VDSR-180	17.5 - 18.49	500	30	Yellow
VDSR-190	18.5 - 19.49	500	30	Yellow
VDSR-200	19.5 - 20.49	500	30	Yellow
VDSR-210	20.5 - 21.49	500	30	Blue
VDSR-320	31.5 - 32.49	700	30	Purple





PREFORMED LINE PRODUCTS
The connection you can count on.

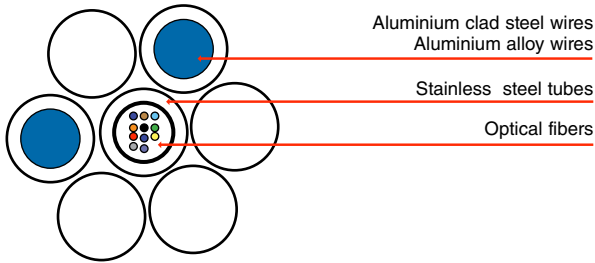
Section 6 - Cables

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Fibre Optic Cables

Central Tube OPGW

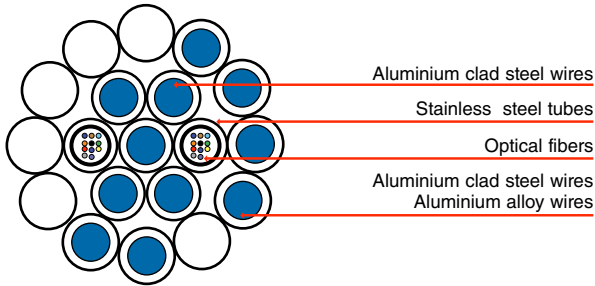
Single/Double Armour Layers



The central stainless steel tube is surrounded by single or double layers of aluminium clad steel wires (ACS) or mix ACS wires and aluminium alloy wires.

OPGW With Standard Layers, Single Tube & Multitube

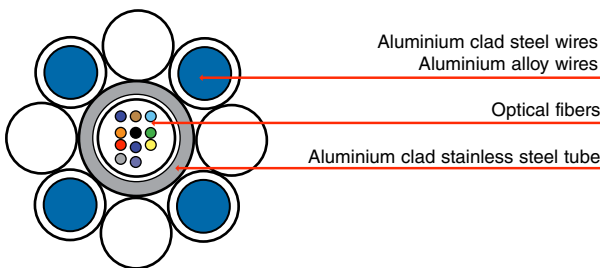
Double/Three Armour Layers



The stainless steel tube is stranded by double or three layers of aluminium clad steel wires (ACS) or mix ACS wires and aluminium alloy wires.

Central Al-Clad Stainless Steel Tube OPGW

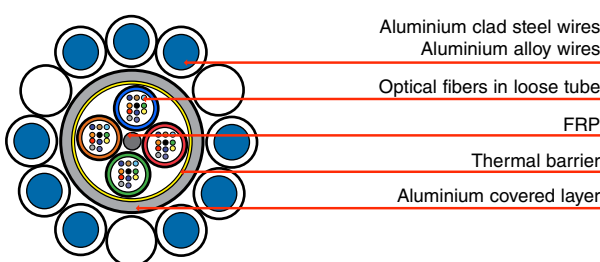
Single/Double Armour Layers



The central Al-clad steel tube is surrounded by single or double layers of aluminium clad steel wires (ACS) or mix ACS wires and aluminium alloy wires.

Aluminium Tube OPGW

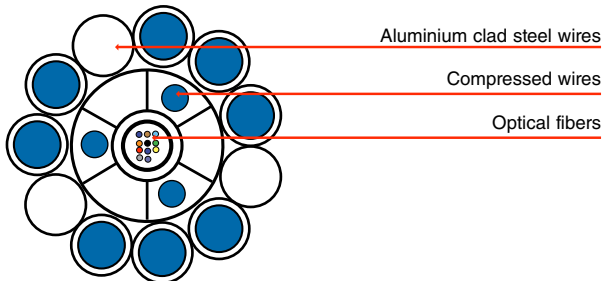
Single/Double Armour Layers



The Aluminium tube is surrounded by single or double layers of aluminium clad steel wires (ACS) or mix ACS wires and aluminium alloy wires.

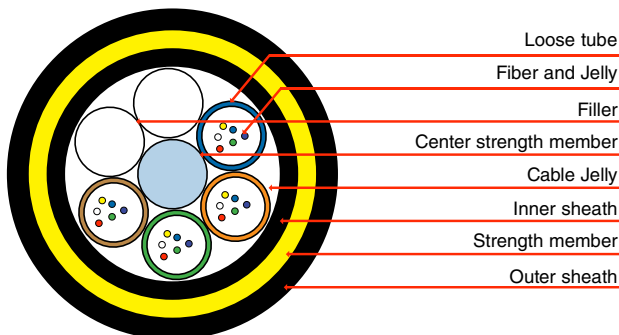
Fibre Optic Cables

Stainless Steel Tube OPGW Double Armour Layers

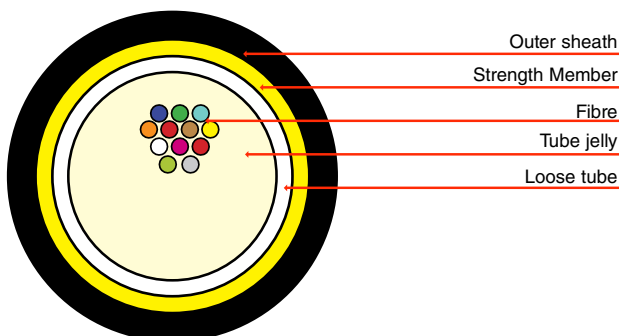


The central stainless steel tube is surrounded by double layer of aluminium clad steel wires (ACS). The inner layer aluminium clad steel wires are compressed, the outer layer aluminium clad steel wires are all compressed or all round.

All-Dielectric Self-Supporting Aerial Installation Cable - ADSS

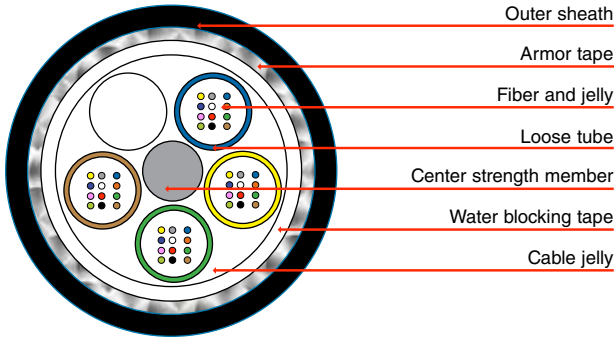


- ADSS are mainly installed at existing 220kV or lower voltage power lines
- Layer or central tube design
- Aramid yarn is used as the strength member to assure the tensile and strain performance
- Outer sheath can be classified into PE and Tracking resistance PE to correspond the space potential below and more than 12kV
- ADSS (standard layer type) maximum fibre count 312
- ADSS (standard layer type) maximum span can be upto 1500m



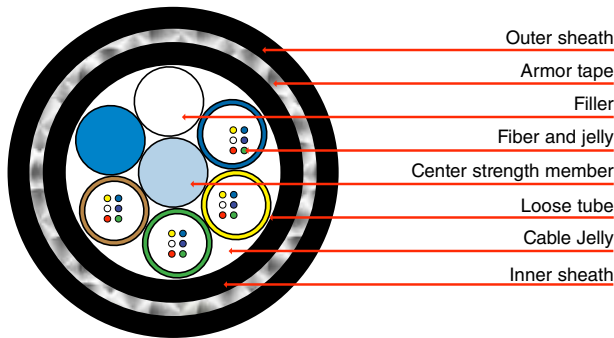
Fibre Optic Cables

Duct Cable



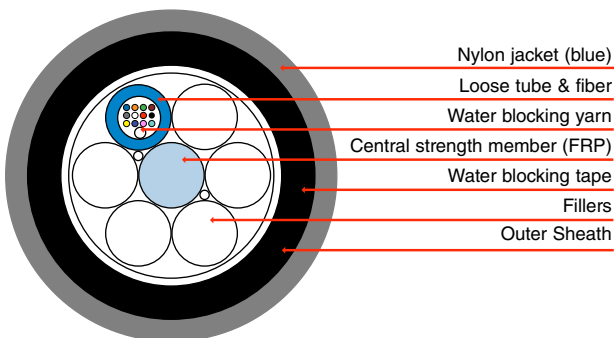
- S-Z stranded (up to 624 fibers) or central tube structure (up to 144 fibers)
- Metallic, non-metallic armored or unarmored
- Steel wire or FRP for center strength member
- Good water penetration, mechanical and environmental performance
- With simple structure easy to install
- PE or LSZH sheath materials
- In accordance with IEC, ITU and EIA standards

Buried Cable



- S-Z stranded (up to 624 fibers) or central tube structure (up to 144 fibers)
- Metallic or non-metallic armor providing good crush resistance
- Steel wire or FRP for center strength member
- Good water penetration, mechanical and environmental performance
- PE or LSZH sheath materials
- In accordance with IEC, ITU and EIA standards

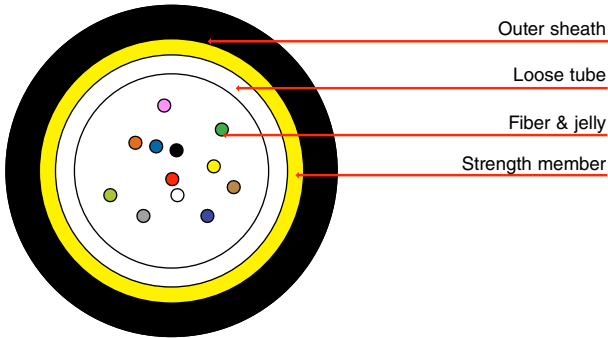
Duct Cable - Nylon Type



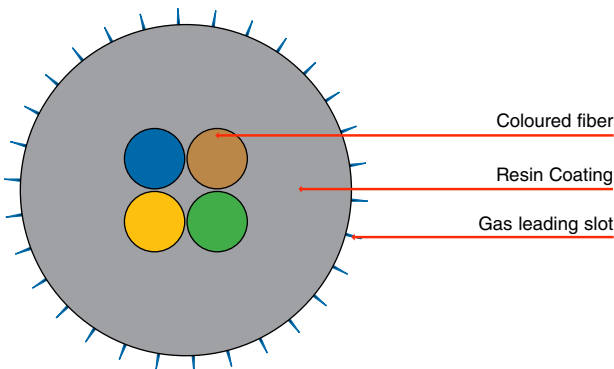
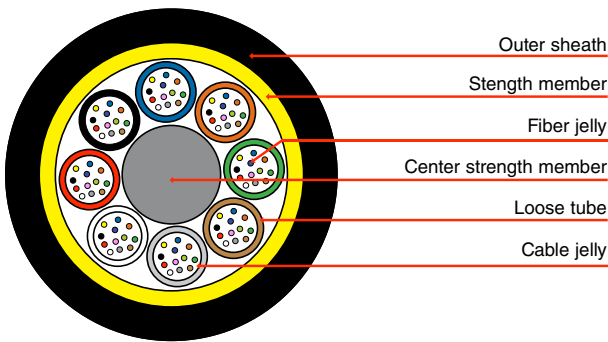
- The unique extruding technology provides the fibers in the tube with good flexibility and bending endurance
- The unique fiber excess length control method provides the cable with excellent mechanical and environmental properties
- Multiple water blocking material filing provides dual water blocking function

Fibre Optic Cables

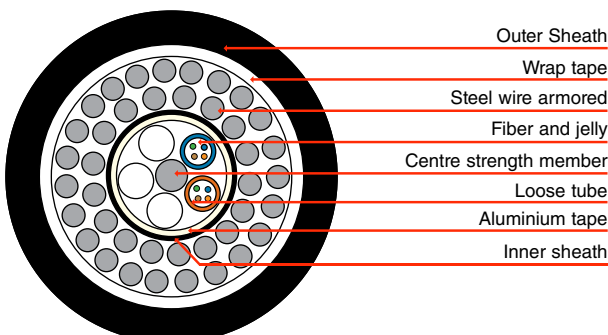
Micro Fiber Cable



- S-Z stranded (up to 144 fibers) or central tube structure (up to 96 fibers)
- Air blown fibers (2-12 fibers), outer surface promoting low-friction
- Aramid yarns for strength member
- Light weight, small size, easy for blowing
- Saving the source of duct
- Good water penetration, mechanical and environmental performance
- PE or LSZH sheath materials
- In accordance with IEC, ITU and EIA standards



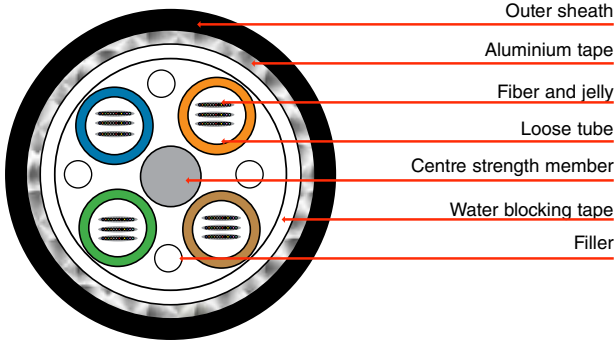
Underwater Installation Cable



- S-Z stranded (up to 216 fibers)
- Steel wire or FRP for center strength member
- Could be installed in the island, river or lake
- Could also be used for directly buried installation
- Good water penetration, mechanical and environmental performance
- In accordance with IEC, ITU and EIA standards

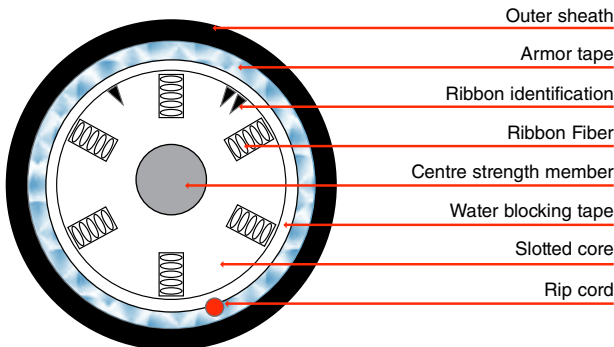
Fibre Optic Cables

Ribbon Cable



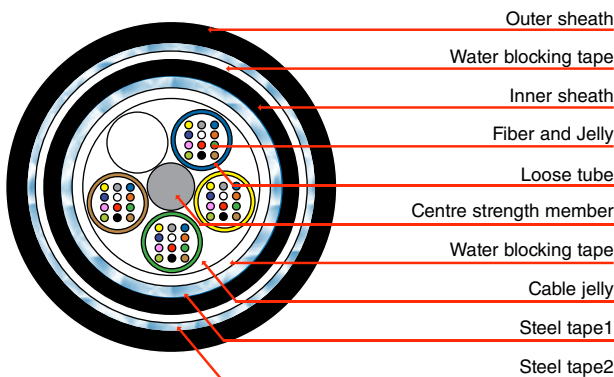
- S-Z stranded (up to 1152 fibers) or central tube structure (up to 576 fibers)
- Metallic, non-metallic armored or unarmored
- Steel wire or FRP for center strength member
- Good water penetration, mechanical and environmental performance
- PE or LSZH sheath materials
- In accordance with IEC, ITU and EIA standards

Slotted Cable



- Up to 576 fibers
- Slotted type structure, easy for splicing
- With good crush resistance, providing good protection for fiber ribbon
- Good water penetration, mechanical and environmental performance
- Gel free design saving time and simplifying splice preparation
- PE or LSZH sheath materials
- In accordance with IEC, ITU and EIA standards

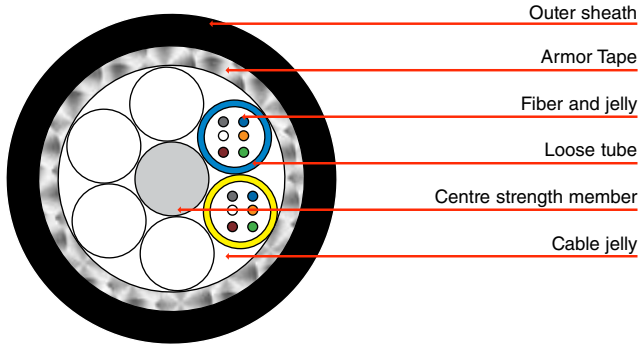
Fire-Retardant or Flame-Resistance Cable



- Up to 312 fibers
- Good water penetration, mechanical and environmental performance
- Retardant PE or LSZH sheath materials
- Mica tape is optional
- In accordance with the standard IEC 60331 or IEC 60332

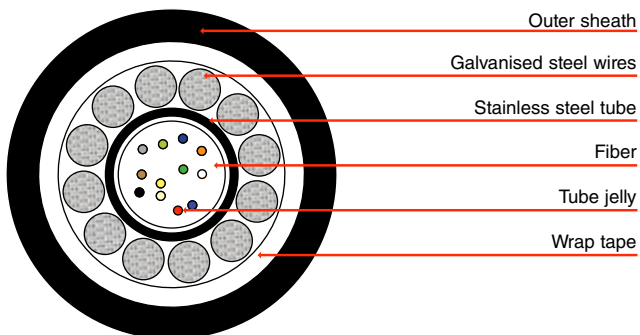
Fibre Optic Cables

Anti-Rodent or Anti-Termite Cable



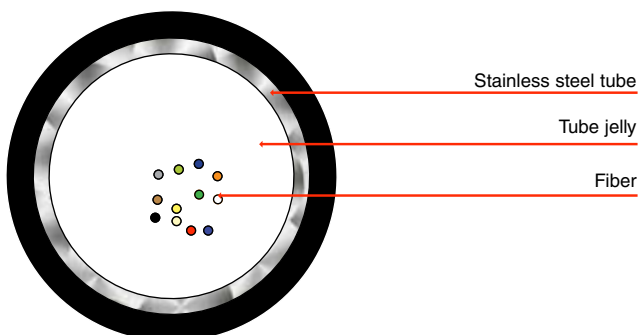
- S-Z stranded (up to 624 fibers) or central tube structure (up to 144 fibers)
- Metallic, non-metallic armored or unarmored
- Steel wire or FRP for center strength member
- Good water penetration, mechanical and environmental performance
- Glass yarns providing good anti-rodent performance
- Nylon sheath providing good anti-termite performance
- In accordance with IEC, ITU and EIA standards

Sewer Cable



- Up to 96 fibers
- Good water penetration, mechanical and environmental performance
- Good corrosion resisting, anti-rodent and anti-insect performance
- In accordance with IEC, ITU and EIA standards

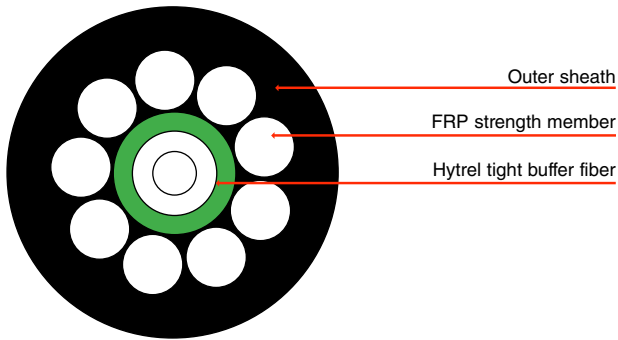
Pavement Cable



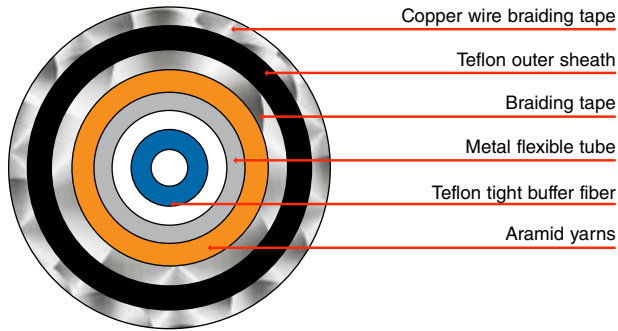
- Up to 96 fibers
- Good water penetration, mechanical and environmental performance
- Good crush resistance for concrete road embedding installation with low depth of digging
- In accordance with IEC, ITU and EIA standards

Fibre Optic Cables

Detection Cable



- Detect the point of continuity; comprehensively detect the various points of the object
- Anti-high pressure and strong electromagnetic fields, radiation-resistant; can be used in a variety of hazardous working environments
- Simple to install, and can be used in various occasions for a long time
- Has a good performance of lateral compression resistance
- Used for stress sensing of dams, bridges and high buildings to prevent building collapse
- Used for the temperature and pressure measurement of oil wells and coal mines
- Used for the temperature monitoring and detection of power plants and substations
- Used for monitoring cables and transmission lines





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Hardware & Accessories



S & TS

Shackles - Galvanised Forged Steel

Part Number (Shackle)	Tension Rating (kN)	Bolt Size (mm)	Standard Pack Quantity
S-070-1	70	M16	25
S-120-1	120	M16	25
S-160-1	160	M20	15
S-210-1	210	M20	15



Part Number (Twisted)	Tension Rating (kN)	Bolt Size (mm)
TS-070-1	70	M16

ACT

Clevis Thimble Aluminium

- Corrosion resistant aluminium alloy.
- Galvanised steel pin • Stainless steel split pin
- ACT-27-16 rated at 70 kN • ACT-37-16 rated at 80 kN



Part Number	Thimble Bend Radius (mm)	Standard Pack Quantity
ACT-27-16	36	25
ACT-27-16HP	36	25
ACT-37-16	36	25
ACT-37-16HP	36	25

Note: HP denotes Hex Pin

THWC

Wire Rope Thimble Closed



Part Number	Bend Radius (mm)	Seat Width (mm)	Threaded Length (mm)
THWC-10	12.5	11	150
THWC-12	15	13	150
THWC-16	20	18	150
THWC-20	25	22	150

GSHP

Safety Hook Plate



Part Number	Hook Size (mm)	Hole Size (mm)	Tension Rating (kN)	Standard Pack Quantity
GSHP-16	M16	14	3	25

Hardware & Accessories



THWO

Wire Rope Thimble - Open

Part Number	Bend Radius (mm)	Seat Width (mm)	Opened Width (mm)
THWO-10	12.5*	11	14
THWO-12	15*	13	17
THWO-16	20*	18	21
THWO-20-4	25*	22	24
THWO-22	27.5*	24	28

Note: Bend radius will be slightly larger on open thimbles.



SSCW

Stainless Steel Conical Washer

A Stainless Steel Conical Spring Washer, when compressed by a bolt into timber, the coils compact into each other until the entire form is flat. The volute tapered washer maintains a constant pressure on the bolt ensuring any shrinkage of the timber does not affect the torque of the bolt.

Part Number	Bolt Size (mm)	Standard Pack Quantity
SSCW-12	M12	50
SSCW-16/20	M16 / M20	50
SSCW-24	M24	50



ET

Eye Tongue - Forged

Part Number	Tension Rating (kN)	Bolt Size (mm)	Standard Pack Quantity
ET-070-1	70	M16	25
ET-070-22	70	M20	25
ET-120-1	120	M16	-
ET-160-1	160	M20	-

LSP

Link Single Plate

Link plates are available in 70, 120 and 160kN. Substitute -070 for -120 or -160 respectively.



Part Number	Rating (kN)	Hole Separation (mm)
LSP-070-100	70	100
LSP-070-150	70	150
LSP-070-200	70	200
LSP-070-250	70	250
LSP-070-300	70	300
LSP-070-350	70	350

Hardware & Accessories



L

Link (Plate Double)

Link plates are available in 70, 120 and 160kN. Substitute -070 for -120 or -160 respectively.

Part Number	Rating (kN)	Hole Separation (mm)
L-070-100	70	100
L-070-150	70	150
L-070-200	70	200
L-070-250	70	250
L-070-300	70	300
L-070-350	70	350



ENGO

Open Hook Nut Galvanised Steel

- To suit 16mm and 20mm threaded rods
- Can be attached to thimble eye bolts or standard bolts where it is necessary to connect to a structure

Part Number	Thread Size (mm)	Standard Pack Quantity
ENGO-12	M12	50
ENGO-16	M16	50
IBHNZ4	M20	-



THEN

Thimble Eyenut

- Medium duty
- Manufactured for high strength applications
- Suitable for 16mm, 20mm and 24mm rods

Part Number	Tension Rating (kN)	Thimble Bend Radius	Thread Size (mm)
THEN-16	30	20	M16
THEN-20	144	30	M20
THEN-24	144	30	M24
THEN-UNC1	144	30	1"



YABCOF

Yoke Bar for ABC Suspension

Double suspension yoke bar provides line deviation by using two suspension clamps.

Part Number	Diameter (mm)	Length - Hook to Hook (mm)	Standard Pack Quantity
YABCOF-16-300	16	300	25

Hardware & Accessories



GEBE

M20 and M24 Elongated Eye Bolt

- This fitting used with the PLP Anchor
- Other lengths available on request

Part Number (M20)	Part Number (M24)	Length (mm)	Threaded Length (mm)
GEBE-20150	GEBE-24150	150	150
GEBE-20200	GEBE-24200	200	150
GEBE-20250	GEBE-24250	250	150
GEBE-20300	GEBE-24300	300	150
GEBE-20350	GEBE-24350	350	150
GEBE-20400	GEBE-24400	400	150
GEBE-20420	GEBE-24420	420	150
GEBE-20450	GEBE-24450	450	150
GEBE-20500	GEBE-24500	500	150
GEBE-20550	GEBE-24550	550	150
GEBE-20600	GEBE-24600	600	150
GEBE-20650	GEBE-24650	650	150
GEBE-20700	GEBE-24700	700	150
GEBE-20750	GEBE-24750	750	150
GEBE-20800	GEBE-24800	800	150
GEBE-202500	GEBE-242500	2500	150



GSHB

M16 Safety Hook Bolts

Made of galvanised steel for use with either wood or concrete poles.

Part Number	Length (mm)	Pole Diameter Range (mm)	Threaded Length (mm)	Bolt Size (mm)
GSHB-16200	200	61 - 160	150	16
GSHB-16300	300	160 - 260	150	16
GSHB-16400	400	261 - 360	150	16
GSHB-16500	500	361 - 460	150	16



GEB

M16 Hook Bolts

Made of galvanised steel for use with either wood or concrete poles.

Part Number	Length (mm)	Threaded Length (mm)	Bolt Size (mm)
GEB-16150-T	150	150	16
GEB-16250-T	250	150	16
GEB-16350-T	350	150	16
GEB-16450-T	450	150	16

Note: Other lengths available on request.

Hardware & Accessories



GEBR M16 Round Eye Bolt

Made of galvanised steel for use with either wood or concrete poles.

Part Number	Length (mm)	Threaded Length (mm)
GEBR-16150	150	100
GEBR-16200	200	100
GEBR-16250	250	100
GEBR-16300	300	100
GEBR-16350	350	100
GEBR-16400	400	100
GEBR-16450	450	100
GEBR-16500	500	100

Note: Other lengths available on request.



GCL ADSS Tension Extension Links

Part Number	Length (mm)	Max Working Load (kN)	Chain Diameter (mm)
GCL-010L-392	392 - 424	12	10
GCL-010L-490	490 - 531	12	10
GCL-010L-1000	1000 - 1062	12	10
GCL-013L-392	392 - 424	24	12



OFSCCM FIBERLIGN® ADSS Cable Storage Bracket

The FIBERLIGN® Cable Storage Bracket is designed to store excess ADSS or underground fibre optic cable. Excess cable can be utilised for future loop joints or T-offs. Two size available to cater for allowable minimum bend radius of fibre optic cable.

- Standard: Galvanised steel finish
- For Plastic coating finish, contact PLP

Part Number	Minimum Bend Radius (mm)
OFSCCM-02-250	250
OFSCCM-02-400	400

Hardware & Accessories



GCSH

Galvanised Coach Screw Hook

Part Number	Length (mm)	Thread Size
GCSH-16175	175	M16



GCH

Hook Plate (Heavy Duty)

Part Number	Hole Sizes (mm)	Hook Size (mm)
D-IBHB12	18	16



GTB

M16 Tongue Bolt Assembly

Part Number	Pole Diameter Range (mm)	Length (mm)	Thread Size	Hole Size (mm)	Tongue Thickness (mm)
GTB-16300	160 - 260	300	M16	18	16
GTB-16400	260 - 360	400	M16	18	16
GTB-16500	360 - 460	500	M16	18	16

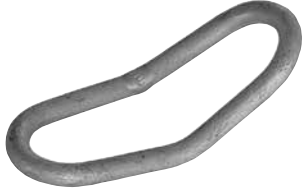


GSS

M16 Galvanised Stud Assembly

Part Number	Pole Diameter Range (mm)	Length (mm)	Thread Size
GSS-16300	160 - 260	300	M16
GSS-16400	260 - 360	400	M16
GSS-16500	360 - 460	500	M16

Hardware & Accessories

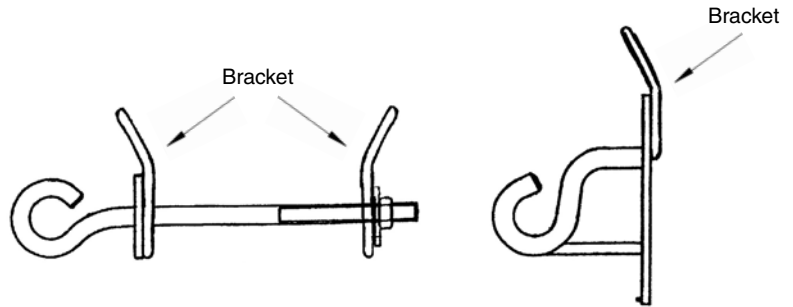


IBSSB

Service Support Bracket

- Used as a service strain clamp attachment point
- Used in conjunction with hook bolts hook bolt or hook brackets
- Galvanised Steel

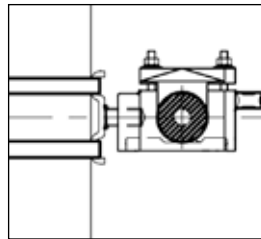
Part Number
IBSSB



PAS

M16 Pole Attachment Bracket

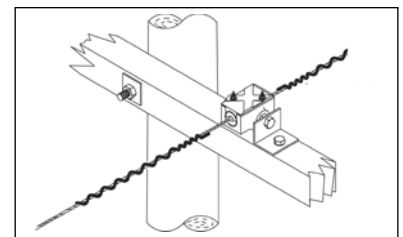
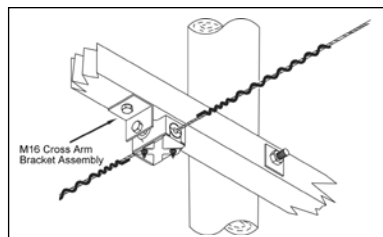
Part Number	Hole Sizes (mm)	Bolt Length (mm)	Bolt Size
PAS-02	14	60	M16



PAS

M16 Cross Arm Bracket Assembly

Part Number	Hole Sizes (mm)	Bolt Length (mm)	Bolt Size
PAS-04	18	60	M16



Hardware & Accessories

ENG-16-1



ENG-20-1



ENG-24-1

ENG M16 Eye Nut

Screwed onto threaded device to produce eye attachment.

Part Number	Thread size	Thread Length	Material Type	Diameter of Eye Material
ENG-16-1	M16	30	Gal/Steel	12
ENG-20-1	M20	40	Gal/Steel	20
ENG-24-1	M24	45	Gal/Steel	20



IBWL 4kN Weak Link

- Installed between suspension fitting on pole support fitting
- Will withstand normal loading, but will fail under impact loads
- Eliminates damage to suspension fitting and cables

Part Number	Diameter of Material	Total length	Material Type	Min Failing Load kN
D-IBWL02	6	81	S/Steel	2
D-IBWL04A	10	100	Gal/Steel	4
D-IBWL08	12	100	Gal/Steel	8



DH Drive Hooks

- For wood poles
- Supports drop cable spans

Part Number	Thread Size	Thread Length (mm)	Total Length (mm)
D-JHOOK	M12	70	175



GBR House Hooks (Bridle Rings)

- Galvanised
- Supports drop cable spans
- For wood poles and wooden facias

Part Number	Diameter (mm)
GBR-42400008	6

Hardware & Accessories

SC

Midspan Clamp Type 1

Used for drop cable midspan T-offs.



Part Number	Total Length (mm)
GQSC-745-46	Contact PLP

CMFO

Fibre Optic Cable Marker



The Fiber Optic Cable Marker is designed to visibly identify fiber optic cable on a wood utility pole or other structure. In addition to marking the cable with a distinct yellow colour, the marking 'CAUTION FIBRE OPTIC CABLE' is used to indicate the cable type. The bright yellow colour is easily identifiable from ground level.

The fiber optic cable marker is manufactured from corrosion resistant, lightweight and thermoplastic material. It provides superior retention of physical characteristics over temperature ranges and exposure to ultra violet radiation.

Part Number	Colour	Cable Diameter Range Inches (mm)	Length (mm)
CMFO-1325-200Y	Yellow	13 - 25	200

Note: The Fiber Optic Cable Marker is imprinted with the following information: "CAUTION FIBER OPTIC CABLE". The characters are printed in black lettering and located opposite the installation split. Customised identification markings with COMPANY name available. eg. "CAUTION FIBER OPTIC CABLE - xyz Pty. Ltd." Consult PLP for recommendations.

Hardware & Accessories

PKGFL, PKGFR, PKG

Kover Guards

PREFORMED™ Kover Guards are available for all types of cable including earthwire and fibre optic cable and offer protection from both impact and accidental damage. It is a better alternative to the old steel or wooden earth wire cover strips.

With many advantages such as high strength, light weight and insulation protection, matched with ease of installation, the cost savings are a real benefit.



PKGFL



PKGFR



PKG

Features:

- UV stabilised material
- Impact resistant
- Insulation properties
- The option of fire retardant material (PKGFR type)
- In three designs, U shaped, circular fully enclosed or flared
- Corrosion, rot and termite proof

Advantages:

- Easy installation
- Low cost
- Electrically safe
- Long life expectancy
- Light weight

Part Number	Internal Diameter (mm)	Length (m)	Material Colour	Profile	Standard Pack Quantity
PKG-019-1.2-G	19	1.2	Grey	U	20
PKG-019-2.8-G	19	2.8	Grey	U	20
PKGFR-020-2.7	20	2.7	Black	O	20
PKGFR-025-2.7	25	2.7	Black	O	20
PKGFL-020-2.0-B	20	2	Black	U	20
PKGFL-020-2.0-G	20	2	Grey	U	20
PKGFL-020-3.0-G	20	3	Grey	U	20
PKGFL-050-2.0-G	50	2	Grey	U	20
PKGFL-050-3.0-G	50	3	Grey	U	20
PKGFL-075-3.0-G	75	3	Grey	U	20

Hardware & Accessories



BL Band Lock

The PLP Band Strap System uses the unique Band Lock System to attach fittings safely and securely to steel or concrete poles. Supplied as one unit, it does not require any special tools. Quick and easy installation accepts 12, 16 or 19 mm stainless steel strapping.

Part Number
BL-10



SSS Stainless Steel Strap

Stainless steel strap comes in 30m roll and available in a number of widths.

Part Number	Reel Length (mm)	Strap Width (mm)
SSS-1230	30	12
SSS-1630	30	16
SSS-1930	30	19



OFSCCM FIBERLIGN® Cable Storage Bracket

Part Number	Conductor Bend Radius (mm)
OFSCCM-01	530



SSSB Stainless Steel Buckle

Part Number	Suits Strap Width (mm)
SSSB-12	12
SSSB-16	16
SSSB-19	19



PREFORMED LINE PRODUCTS
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TERMS & CONDITIONS OF SALE

1. APPLICATION

- 1.1. These Terms apply to all goods sold by the Company.
- 1.2. No amendment, alteration, waiver or cancellation of any of these Terms is binding on the Company unless confirmed by the Company in writing.
- 1.3. The Customer acknowledges that no employee or agent of the Company has any right to make any representation, warranty or promise in relation of the Goods or the sale of the Goods other than as contained in these Terms.

2. TERMS OF PAYMENT

- 2.1. Prices are subject to change on thirty (30) days notice.
- 2.2. Payments are to be made direct to the Company, strictly net, without any deduction or discount other than as stated in these Terms or in the relevant invoice or statement.
- 2.3. Payments are to be made within thirty (30) days of the date of the Company's statement or invoice, whichever is the earlier.
- 2.4. Interest is payable on all overdue accounts calculated on a daily basis at the rate of 2% per month as from the due date for payment until payment is received by the Company.
- 2.5. The Company will charge a handling fee of \$100 or such other greater amount for orders of an invoice value under \$1,000 or such higher amount as the Company determines.

3. PROPERTY IN GOODS

Legal and beneficial ownership of Goods supplied by the Company will not pass to the Customer until such time as the Goods so supplied have been paid in full in cash or cleared funds.

4. RE-SALE OF GOODS

- 4.1. If the Customer is a re-seller then, subject to sub-clause 4.2.4, the Customer has the right to sell the Goods in its own name at full market value and in the ordinary course of business.
- 4.2. Until the amount payable to the Company in respect of the Goods has been paid in full in cash or cleared fund:
 - 4.2.1. the Customer will hold the Goods only as bailee for the Company;
 - 4.2.2. the Goods must be stored in such manner that they are readily distinguishable from other goods owned by the Customer or other persons and so as to clearly show that they are the property of the Company;
 - 4.2.3. the Customer must indemnify the Company from and against any Claim incurred or suffered by the Company arising out of the possession, use or disposal of the Goods by the Customer or repossession or attempted repossession of them by the Company; and
 - 4.2.4. any sale of the Goods under clause 4.1 will only be effected by the Customer as trustee for the Company and the proceeds of such sale and the rights of the Company's Customer against its customer arising from such sale will be held on trust for the Company. The said proceeds must be held in a separate account or otherwise clearly identified in the books and records of the Customer.
- 4.3. The Customer must ensure that the Goods are stored in accordance with any reasonable direction or instructions from the Company and, without the prior written consent of the Company, must not treat, alter, or incorporate the Goods into or with another product of the Company or any third party, or otherwise vary the Goods as supplied by the Company.

- 4.4. If the Customer resells any Goods then, unless the Goods are clearly identifiable by serial numbers or other distinguishing marks, the Customer is deemed to have disposed of the Goods in the chronological order of supply by the Company to the Customer (oldest to most recent).
- 4.5. On the resale of the Goods by the Customer, the Customer must ensure that any contract between the Customer and its customer limits or excludes any liability of the Company to such customer on no less favourable terms than the Company's liability to the Customer under clause 19 or on more limiting terms.
- 4.6. Despite clause 4.5, the Customer must indemnify the Company from and against any Claim incurred or suffered by the Company arising out of the resale of the Goods by the Customer.

5. INCORPORATION OF GOODS

- 5.1. If the Customer uses the Goods in some manufacturing or construction process of its own or on behalf of some third party and receives monies from time to time in respect of such use then the Customer must hold a portion of such monies received, calculated in accordance with clause 5.2, in trust for the Company.
- 5.2. The portion referred to in clause 5.1 will be so much of the monies received as equals the amount owing by the Customer to the Company at the time of the receipt of such monies by the Customer.
- 5.3. Money received by the Customer excludes any debts due to other parties by the customer but not yet paid by the Customer.
- 5.4. In the circumstances outlined in clause 5.1, the Customer must not assign or deal with its debts in any way prior to payment of the moneys receivable by the Customer in respect of the Goods as their use as described in clause 5.1 prior to their payment to the Company.

6. INSTALLATION OF GOODS

- 6.1. All Goods must be handled, mounted and installed:
 - 6.1.1. by an appropriately licensed technician/tradesman; and
 - 6.1.2. in accordance with:
 - 6.1.2.1. the manufacturer's directions, if any;
 - 6.1.2.2. the relevant Application Procedure found at http://www.phhttp://www.preformed.com/index.php?option=com_phocadownload&view=category&id=29&Itemid=194refor med.com/index.php?option=com_phocadownload&view=category&id=29&Itemid=194; and/or
 - 6.1.2.3. the applicable industry standard, as the case may be.
- 6.2. If any Goods are not handled, mounted or installed in accordance with clause 6.1 then, subject to any statutory provision or other general law obligation to the contrary, the Company will not be liable for any defect or fault in the Goods or for any loss or damage to the Customer caused by the Goods.

7. DEFAULT

- If:**
- 7.1. the Goods are not paid for in accordance with these Terms or any other written agreement between the Company and the Customer;
 - 7.2. the Company receives notice of, or reasonably believes that a third party may attempt to levy execution against or attach the Goods; or
 - 7.3. any other event occurs which in the Company's opinion is likely to adversely affect the Customer's ability to pay for the Goods (including but not limited to the appointment of Insolvency Representative to the Customer's undertaking),

then the Company may at any time thereafter, without notice to the Customer and without prejudice to any other rights which it may have against the Customer, terminate any Contract relating to the Goods and the bailment referred to in clause 4.2.1.

8. RIGHT TO ENTER PREMISES

In any of the circumstances referred to in clause 7, the Customer:

- 8.1. authorises the Company by itself, its agents or representatives at all reasonable times, without notice, to enter onto (with force if reasonably necessary) and at all necessary time(s), to remain in and on any premises where the Goods are located in order to collect the Goods, without being guilty of any manner of trespass; and
- 8.2. assigns to the Company all the Customer's rights to enter onto and remain in and on such premises until all the Goods have been collected.

9. ADMINISTRATION & RECEIVERSHIP

In any of the circumstances referred to in clause 7.3:

- 9.1. neither the Customer nor its Insolvency Representative or any other person acting for the Customer and/or its creditors is entitled to sell, charge, remove, dispose of, use or otherwise deal with the Goods in any way inconsistent with the Company's ownership of the Goods, without the Company's prior written approval;
- 9.2. the Customer, its Insolvency Representative and every other person acting for or on behalf of the Customer and/or its creditors is obliged to re-deliver the Goods to the Company immediately or immediately on his appointment, as the case may be, at its or his expense; and
- 9.3. if the Goods are returned to or collected by the Company, the Company will within twenty-eight (28) days, account to the Customer or its Insolvency Representative for all monies received for the Goods from the Customer less the Company's reasonable administration charges, expenses incurred and loss of profits involved.

10. CUSTOMER AS TRUSTEE

If the Customer carries on business as trustee of a trust then the Customer warrants that:

- 10.1. the Customer enters into a Contract or Contracts to purchase the Goods as trustee of a trust;
- 10.2. the Customer has all requisite powers to enter into a Contract under these Terms;
- 10.3. the beneficiary of the trust approves the purchase of the Goods on the terms of the Contract; and
- 10.4. the assets of the trust are available to the Company in satisfaction of any debt incurred by the Customer for the purchase of the Goods.

11. GOODS AND SERVICES TAX

- 11.1. GST is not included in the quoted price.
- 11.2. If GST is imposed on the Company in respect of the Goods then the Customer must pay the amount of such GST to the Company in addition to the quoted price.
- 11.3. The Company must give the Customer written notice of the amount of any GST payable under this clause and provide a tax invoice showing the amount of GST payable.

12. CUSTOMS DUTIES, TARIFFS AND LEVIES

All applicable customs duties, tariffs and levies are payable by the Customer unless the order, order confirmation, invoice or other writing indicates otherwise.

13. DELIVERY

- 13.1. Availability dates are estimates only, but the Company will use its best endeavours to maintain these estimates.
- 13.2. If the place of delivery to or collection of the Goods by the Customer is within Australia then the Company will, at the Customer's request, arrange for the delivery of the Goods at the Company's expense.

14. DELIVERY BY INSTALMENTS

- 14.1. The Company reserves the right to deliver the Goods in whole or by instalments as well as to deliver prior to the date for delivery and in any such event the Customer must not refuse to take delivery of the Goods.
- 14.2. Where the Goods are delivered by instalments, each instalment is sold under a separate Contract.
- 14.3. Any failure on the part of the Company to deliver instalments within any specified time does not entitle the Customer to repudiate the Contract with regard to the balance of the Goods remaining undelivered.

15. RISK

- 15.1. The Goods are entirely at the risk of the Customer from the moment the Goods leave the Company's premises or physical custody.
- 15.2. The Customer must at its own expense, maintain the Goods and insure them for the benefit of the Company for their full replacement value against theft, destructions, fire, water and other risks, as from the moment of delivery to or collection by the Customer until property of and title to the Goods have passed to the Customer.
- 15.3. The Customer must take all reasonable measures to ensure that the Company's title to the Goods is in no way prejudiced. If any of the Goods are lost, destroyed or damaged, any insurance proceeds relating to the Goods in respect of such event that are received by the Customer are held on trust for the Company and must be paid to the Company immediately on receipt but only up to the amount that the Customer owes the Company in respect of those Goods.

16. INSPECTION

Unless the Customer has inspected the Goods and given written notice to the Company within seven (7) days after collection or delivery that the Goods do not comply with the relevant specifications or descriptions, the Goods are deemed to have been accepted in good order and condition.

17. RETURN OF GOODS

- 17.1. No returns will be accepted unless the Company has previously agreed in writing. If the Company agrees to the return of Goods, they must be unsoiled, undamaged and in a resaleable condition (or Customer pays for all costs of replacement or repair) and delivered at the Customer's expense to the Company's premises unless otherwise agreed by the Company in writing.
- 17.2. Goods imported especially for the Customer or non-standard equipment made to special order cannot under any circumstances be returned and/or credited.

18. CANCELLATION OF ORDER

No order may be cancelled, modified or deferred without the prior written consent of the Company (which is at the Company's sole discretion) and if consent is given, then such consent will, at the Company's election, be subject to the Company being reimbursed all losses, including loss of profits, and paid a cancellation and restocking fee (being not less than 10% of the invoice value of the Goods).

19. COMPANY'S LIABILITY LIMITED

- 19.1. The Customer acknowledges and agrees that:
- 19.1.1. the Customer has determined that the Goods are fit for the purpose for which the Customer requires them;
 - 19.1.2. the Customer has the right to inspect the Goods in accordance with clause 19 to satisfy itself that the Goods are fit for purpose and/or are of merchantable and acceptable quality;
 - 19.1.3. the Customer has not relied on the Company's skill and judgment in selecting the Goods; and
 - 19.1.4. the Company is not responsible if the Goods do not comply with any applicable safety standard(s) or similar regulation(s), and that the Company is not liable for any Claim resulting from such non-compliance.
- 19.2. The Company is not subject to, and the Customer releases the Company from any liability (including but not limited to Consequential Loss or Damage, removal costs or re-installation costs or liability for loss of use or profit) arising from any delay in delivery or defect or fault in the Goods or any negligence by the Company in relation to the Goods (including but not limited to their manufacture), to the full extent permitted by law.
- 19.3. If, despite clause 19.2, the statutory provisions under the *Competition and Consumer Act 2010* (Cth), the *Sale of Goods Act 1923* (NSW) or any other act or the general law impose on the Company a liability for a defect or fault in the Goods then, to the extent to which the Company is entitled to do so, the Company's liability under the statutory provisions is limited, at the Company's option, to:
- 19.3.1. replacement or repair of the Goods;
 - 19.3.2. supply of equivalent Goods; or
 - 19.3.3. payment of the cost of replacing or repairing the Goods or of acquiring equivalent Goods,
- and in any case:
- 19.3.4. the Company will not be liable for any Consequential Loss or Damage or any other loss or damage; and
 - 19.3.5. the Company's total liability to the Customer is limited to the invoice value of the Goods.

20. WARRANTIES AND WARRANTY CLAIMS

- 20.1. The Company warrants that the Goods are free of substantive defects.
- 20.2. The Company also warrants to the Customer that the Goods will be supplied in an undamaged condition.
- 20.3. Except for any guarantees imposed by the *Competition and Consumer Act 2010* (Cth) and the warranties stated in clauses 20.1 and 20.2, the provision of any other act or law implying terms, conditions, guarantees and/or warranties which might otherwise apply to or arise out of the Contract are hereby expressly negated and excluded to the full extent permitted by law.
- 20.4. On discovery of any defect in the Goods, the Customer must notify the Company in writing of such defect.
- 20.5. All warranty claims must be received by the Company within thirty (30) days of the day of delivery. This warranty extends only to the Customer and to no other person.
- 20.6. The Customer's failure to provide written notice to the Company within the required time of any alleged breach of the above warranty will release and discharge the Company from any obligation or liability for that breach of warranty.
- 20.7. The Customer must not carry out any remedial work to allegedly defective Goods without first obtaining the written consent of the Company to do so

otherwise all of the Company's warranties will be voided to the full extent permitted by law.

- 20.8. The warranties stated in clauses 20.1 and 20.2 do not apply in circumstances where the Customer treats, alters, incorporates the Goods into or with another product of the Company or any third party, or otherwise varies the Goods as supplied by the Company.

21. CATALOGUES

Particulars in leaflets, catalogues, drawings, brochures and other printed material are illustrations only, form no part of the Contract between the Company and the Customer, and are not binding on the Company.

22. CUSTOMER'S PROPERTY

- 22.1. All Customer's property in or under the Company's custody or control will be entirely at the Customer's risk in regard to loss or damage from any cause whatsoever.
- 22.2. The Company will have a first and paramount lien upon all Customer's property (including but not limited to dies provided by or manufactured for the Customer) which is in the Company's possession or control until all accounts due to the Company by the Customer are paid in full.
- 22.3. The Company may sell any of the Customer's property on which the Company has a lien if:
- 22.3.1. a sum in respect of which the lien exists is presently payable;
- 22.3.2. the Company has, not less than fourteen (14) days before the date of the sale, given the Customer a written notice setting out, and demanding payment of such part of the sum in respect of which the lien exists as is presently payable; and
- the Customer has failed to pay the sum referred to in the notice.
- 22.4. The proceeds of the sale will be applied by the Company:
- 22.4.1. firstly to cover the costs of the sale;
- 22.4.2. secondly in payment of such part of the sum in respect of which the lien exists as is presently payable; and
- 22.4.3. by way of accounting to the Customer.

23. TOOLING

- 23.1. If the Company agrees to supply Tooling to the Customer then the Tooling remains the property of the Company and despite the fact that the Customer may have borne or contributed to the cost of the development and manufacture of the Tooling.
- 23.2. The Company reserves the right to recall the Tooling from the Customer at any time.

24. PERSONAL PROPERTY SECURITY

- 24.1. The Customer acknowledges that if the Company has a security interest in:
- 24.1.1. the Goods;
- 24.1.2. the proceeds of the Goods;
- 24.1.3. the Customer's property referred to in clause 22.1; and/or
- 24.1.4. the Tooling,
- for the purposes of the PPSA then the Company may register its security interest in the Goods, proceeds, Customer's property and/or Tooling, as the case may be, on the PPSR.
- 24.2. The Customer undertakes, at its own expense, to promptly do anything (such as supplying information) which the Company requests and reasonably requires the Customer to do for the purposes of ensuring that the security interest is enforceable, perfected or otherwise effective.

- 24.3. The Customer acknowledges that if the Company has a security interest in the Goods, proceeds, Customer's property and/or Tooling, as the case may be, then the Company may register its security interest on the PPSR and the Customer, in accordance with section 157(3)(b) of the PPSA, waives the right to receive notification of the registration.

25. COPYRIGHT

- 25.1. The Customer warrants that:
- 25.1.1. the drawing of any extruded shape submitted by the Customer; and
 - 25.1.2. any Tooling made in accordance with such drawing; and
 - 25.1.3. any article of extruded design made from such Tooling,
- does not infringe the rights of any third party (whether copyright, registered design pattern, trademark, confidential information or otherwise) or breach any applicable law.
- 25.2. In the event of any Claim or order for costs (including legal expenses on a solicitor and client basis) referable to the rights and/or laws referred to in clause 25.1 being made or brought against the Company, the Customer must fully indemnify the Company and keep the Company indemnified from and against same.

26. SAMPLES

Any sample inspected by the Customer is solely for the Customer's convenience and does not constitute a sale by sample. All samples remain the property of the Company.

27. SPECIFICATIONS

- 27.1. Unless otherwise agreed in writing, the Goods are supplied subject to any specification as to weight, quantity, size, dimensions, finishes, chemical composition and physical properties as may be published generally by the Company or as may be set out in any specification issued by the Company in relation to the Goods or, if no such specification has been published or set out, subject to such specification as is normally regarded as being commercially acceptable.
- 27.2. Where any specification for the Goods are to be supplied by the Customer, they must be supplied in a reasonable time to enable the Company to complete delivery by the date for delivery.

28. CONTRACT

- 28.1. The terms of the Contract between the parties are wholly contained in these Terms and any other writing signed by both parties.
- 28.2. The Contract under these Terms is deemed to have been made at the Company's place of business in Sydney, New South Wales and any cause of action is deemed to have arisen there.
- 28.3. The Contract is governed by the law of New South Wales.
- 28.4. The Customer irrevocably and unconditionally submits to the non-exclusive jurisdiction of the courts of New South Wales and any courts which have jurisdiction to hear appeals from those courts about any proceedings in connection with these Terms and waives any right to object to proceedings being brought in those courts for any reason.
- 28.5. The provisions of the United Nations Convention on Contracts for the International Sale of Goods adopted at Vienna, Austria on 10 April 1980 does not apply to any Goods supplied by the Company to the Customer.

29. FORCE MAJEURE

The Company will not be liable for any breach of contract due to any matter or thing beyond the Company's control (including but not limited to transport stoppages,

transport breakdown, fire, flood, earthquake, acts of God, strikes, lock-outs, work stoppages, wars, riots or civil commotion, intervention of public authority, explosion or accident).

30. DISPUTE RESOLUTION

- 30.1. The Company and/or the Customer must not commence any court proceedings in respect of a dispute arising out of these Terms unless it has complied with this clause 30.
- 30.2. Should at any time a party assert that a dispute exists between the parties arising out of or in connection with these Terms, then that party must submit a written notice ("**Notice of Dispute**") to the other party specifying:
 - 30.2.1. the nature of the dispute that has arisen;
 - 30.2.2. the major issues for determination; and
 - 30.2.3. the relief or outcome being sought.
- 30.3. Within seven (7) days from receipt of the Notice of Dispute, the other party must provide a written response ("**Notice of Response**") stating its position in relation to the dispute, including:
 - 30.3.1. any additional issues that should be referred for determination; and
 - 30.3.2. any comment on the relief or outcome referred to in the Notice of Dispute.
- 30.4. During the fourteen (14) day period after the Notice of Response is issued, the parties must take reasonable steps to seek to resolve the dispute.
- 30.5. If the dispute is not resolved within the period referred to in clause 30.4 then the parties must, within an additional fourteen (14) days agree to refer the dispute to a single expert for determination.
- 30.6. If the parties are unable to agree on a expert within the time stipulated in clause 30.5, then either party may refer the dispute to an expert as nominated by Unisearch Expert Opinion Services, for determination.
- 30.7. The determination of the expert:
 - 30.7.1. must be in writing, accompanied by reasons; and
 - 30.7.2. will be final and binding on the parties as to any findings of fact relating to any matter arising from these Terms.
- 30.8. The parties are to bear their own costs of the dispute and the costs of the expert are to be borne by the party found to be at fault by the expert and, in the event that no such finding is made, the costs are to be borne by the parties equally.

31. WAIVER OF BREACH

No failure by the Company to insist on strict performances of any of these Terms is a waiver of any right or remedy which the Company may have, and is not a waiver of any subsequent breach or default by the Customer.

32. NO ASSIGNMENT

Neither the Contract nor any rights arising under the Contract may be assigned by the Customer without the prior written consent of the Company which is at the Company's absolute discretion.

33. SEVERABILITY

If any provision contained in these Terms is held by a court to be unlawful, invalid or unenforceable, the validity and enforceability of the remaining provisions are not affected.

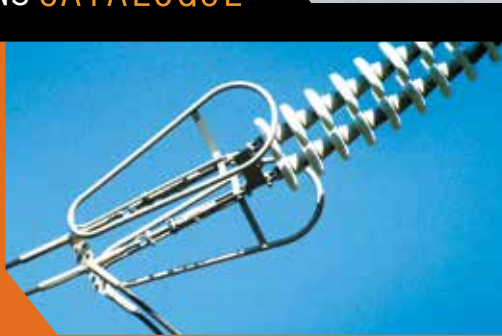
34. INTERPRETATION

In these Terms:

- 34.1. "**Claim**" means a claim, action, suit, demand, proceeding, damage, loss, cost, expense or liability incurred or suffered by the Company.

-
- 34.2. **“Company”** means Preformed Line Products (Australia) Pty Limited ABN 27 004 533 877 and its successors and assigns.
- 34.3. **“Consequential Loss or Damages”** means all or any of the following:
- 34.3.1. loss of profit;
 - 34.3.2. loss or denial of opportunity;
 - 34.3.3. loss of use;
 - 34.3.4. loss of revenue;
 - 34.3.5. loss of production;
 - 34.3.6. loss of labour;
 - 34.3.7. loss of access to markets;
 - 34.3.8. loss of goodwill;
 - 34.3.9. loss of anticipated savings;
 - 34.3.10. loss of business reputation including future reputation;
 - 34.3.11. loss arising from adverse publicity;
 - 34.3.12. damage to credit rating;
 - 34.3.13. removal costs;
 - 34.3.14. re-installation costs;
 - 34.3.15. commissioning costs;
 - 34.3.16. increase in operating costs;
 - 34.3.17. increase in maintenance costs;
 - 34.3.18. financial costs;
 - 34.3.19. any indirect, remote, abnormal or unforeseeable loss;
 - 34.3.20. any consequential loss or damage not included in the above; and
 - 34.3.21. any similar loss whether or not in the reasonable contemplation of the parties at the time entry into the Contract, and in any case whether arising out of contract or tort (including negligence) or by statute or otherwise, at law or in equity.
- 34.4. **“Contract”** means the contract for the sale of the Goods by the Company to the Customer.
- 34.5. **“Customer”** means the party to whom the Company has agreed to sell the Goods.
- 34.6. **“Goods”** means the goods agreed to be sold by the Company to the Customer.
- 34.7. **“GST”** means the Goods and Services Tax imposed by a *New Tax System (Goods and Services Tax) Act 1999* (Cth) and any related act and/or regulations.
- 34.8. **“Insolvency Representative”** includes but is not limited to a receiver, receiver and manager, administrator, controller, liquidator, provisional liquidator, trustee or similar person.
- 34.9. **“PPSA”** means the *Personal Property Securities Act 2009* (Cth).
- 34.10. **“PPSR”** means the personal property security register created under the PPSA.
- 34.11. **“Terms”** means these terms and conditions of sale as amended from time to time.
- 34.12. **“Tooling”** means any tooling supplied by the Company to the Customer from time to time.

COMMUNICATIONS CATALOGUE



PREFORMED
LINE PRODUCTS

190 Power St. Glendenning, NSW 2761 Australia
PO Box. 626 St. Marys, NSW 1790 Australia

Phone: +612.8805.0000
Fax: +612.8805.0090
www.preformed.com.au
plp-salesupport@preformed.com.au

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A.B.N. 27 004 533 877

