

FIBERLIGN® Cushion Clamp for OPGW

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

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.

Features

- Captured U-bolts for fast, easy-to-handle four nut installation
- Structural Reinforcing Rods protect cable from excessive bending stress and compressive forces
- Elastomer cushions for reduction of stresses
- Minimizes clamping stress - superior to bolted clamp with armor rods
- Exceptional Vertical Load Strength (20,000 lbs single unit)
- Gently protects against abrasions and wear
- Maximum line angles up to 30 degrees for single unit, 60 degrees for double clamp
- Thoroughly tested for vibration and static mechanical loading in accordance with IEEE Standard 1138
- Slip load approximately 10-20% of OPGW rated strength
- Can accommodate either left-hand lay or right-hand lay OPGW
- Fittings and grounding accessories available and can be included in the same container with the suspension.

Documentation

Application Procedures

[SP-2895 \(FIBERLIGN® Cushion Clamp OPGW\)](#)

Catalog Pages

[FIBERLIGN Cushion Clamp - Catalog](#)

Sales Materials

[FIBERLIGN Cushion Clamp - Sell Sheet](#)

Part Tables

Catalog Number		Diameter Range				Structural Reinforcing Rods				Color Code
Single	Double	Min. (in)	Max. (in)	Min. (mm)	Max. (mm)	Single Length	Double Length	Rod Dia.	Rods per Set	
4700100	4700200	0.376	0.387	9.6	9.8	31	60	0.204	7	Orange
4700101	4700201	0.388	0.429	9.9	10.9	32	61	0.182	8	Red
4700102	4700202	0.430	0.459	11.0	11.6	33	62	0.167	9	Black
4700103	4700203	0.460	0.482	11.7	12.2	34	63	0.154	10	Green
4700104	4700204	0.483	0.507	12.3	12.8	35	64	0.182	10	Yellow
4700105	4700205	0.508	0.537	12.9	13.6	36	65	0.167	11	Purple
4700106	4700206	0.538	0.563	13.7	14.3	37	66	0.154	12	Pink
4700107	4700207	0.564	0.585	14.4	14.8	39	68	0.182	11	Brown
4700108	4700208	0.586	0.615	14.9	15.6	40	69	0.167	12	Blue
4700109	4700209	0.616	0.641	15.7	16.3	41	70	0.154	13	Orange
4700110	4700210	0.642	0.664	16.4	16.8	44	73	0.182	12	Red
4700111	4700211	0.665	0.694	16.9	17.6	45	74	0.167	13	Black
4700112	4700212	0.695	0.720	17.7	18.3	46	75	0.154	15	Green
4700113	4700213	0.721	0.742	18.4	18.8	48	77	0.182	13	Yellow
4700114	4700214	0.743	0.772	18.9	19.6	50	79	0.167	14	Purple
4700115	4700215	0.773	0.798	19.7	20.2	51	80	0.154	15	Pink
4700116	4700216	0.799	0.822	20.3	20.8	52	81	0.182	14	Brown
4700117	4700217	0.823	0.855	20.9	21.7	54	83	0.167	16	Blue
4700118	4700218	0.856	0.885	21.8	22.4	55	84	0.146	19	Orange
4700119	4700219	0.886	0.911	22.5	23.1	56	85	0.167	16	Red
4700120	4700220	0.912	0.941	23.2	23.9	57	86	0.154	19	Black
4700121	4700221	0.942	0.975	24.0	24.7	58	87	0.146	20	Green
4700122	4700222	0.976	1.005	24.8	25.5	60	89	0.167	18	Yellow
4700123	4700223	1.006	1.034	25.6	26.3	61	90	0.154	20	Purple

Accessories

Ground wire assemblies and fittings may be ordered with the Cushion Clamp by adding the appropriate SUFFIX CODE from the below table.

Note: the suffix sequence is ground wire first and fittings second.

Ex. 4700100GYC includes a 4700100 Single Cushion Clamp with copper ground wire assembly (G) and Y-Clevis (YC).

Suffix Code	Description
G	4' (1) long #4 (7W) Copper Ground Wire with terminal on one end. Catalog No. 710010016
GA	4' (1) long 4/0 (7W) Aluminum Ground Wire with terminal on one end. Catalog No. 710010294
GA2	5' (1.5) long 95 mm ² (19W) Aluminum Ground Wire with terminals at both ends

CAUTION: Determine appropriate material and size wire necessary to provide adequate grounding for your system before ordering the ground wire assemblies. For proper performance and personal safety be sure to select the proper ground wire before application.

S2	Anchor Shackle (Catalog no 72905002), 25,000#
YC	One (1) Y-clevis to fit selected suspension. Single suspension.
CE	One (1) clevis-eye to fit selected suspension. Single suspension.
CEYP	Two (2) clevis-eyes with yoke plate to fit selected suspension. Double suspension.