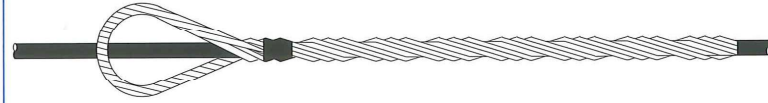


# CONDUCTOR TERMINATION

## *PREFORMED™ Distribution Grip Dead End*



### Application

The PREFORMED™ Distribution Grip Dead End is recommended for the termination of bare and jacketed conductors used in distribution construction. The high mechanical strength, short length and interchangeability among different conductor sizes meet the requirement of all categories of distribution lines.

Distribution Grip Dead Ends, manufactured from galvanised steel recommended for direct application on jacketed conductors.

For bare homogenous conductors, the holding strengths approximate the rated breaking strength of the conductor. If used with ACSR the rated holding strength approximates the full strength of the aluminium strands plus a percentage of the steel core. Holding strength for jacketed conductor is dependent upon construction.

The use of Spiral Vibration Dampers should be considered for areas experiencing a history of vibration.

Concentric Dead Ends are specially designed PREFORMED™ dead ends in bare galvanised steel which are available for use with low voltage concentric cables.

Service Grip Dead Ends are used for terminating house service spans up to 45 metres.

### Construction

PREFORMED™ Distribution Grip Dead Ends are made of material compatible with the strand to which they are applied.

### Attachment

A selection of Socket Thimbles which facilitates the attachment of the Distribution Grip Dead Ends to the insulator can be found in section 3-8-5/4.

### Lay Direction

Lay direction must be the same as that of the outer stranding of the conductor to which it is applied.

### Product Referencing and Ordering

Contact PLP (GB) Ltd with the following information:-

- Quantity
- Catalogue number
- Product name
- Strand: Material
  - Diameter
  - Rated breaking strength
  - Lay direction

## CONDUCTOR TERMINATION

*PREFORMED™ Distribution Grip Dead End-Aluminium Covered Steel*

CATALOGUE No.	NOM DIAMETER RANGE mm		COLOUR CODE	LENGTH mm	APPROX WEIGHT KGS PER 100	LOOP STRENGTH NOTE 1 KGS
	MIN	MAX				
DDE5011711	4.62	5.17	BLUE	406	6	2041
DDE5011712	5.18	5.81	BROWN	457	8	2495
DDE5011713	5.82	6.54	ORANGE	457	8	2495
DDE5011714	6.55	7.36	PURPLE	559	12	3175
DDE5011715	7.37	8.27	RED	635	14	3175
DDE5011716	8.28	9.26	GREEN	686	19	4082
DDE5011717	9.27	10.40	YELLOW	686	24	4990
DDE5011718	10.41	11.70	BLUE	737	26	4990
DDE5011719	11.71	13.12	ORANGE	838	37	6124
DDE5011720	13.13	14.67	PURPLE	889	53	8165
DDE5011721	14.68	16.60	BLUE	889	67	10433
DDE5011722	16.61	18.79	RED	991	92	13041
DDE5011723	18.80	21.28	BROWN	1270	151	15118
DDE5011724	21.29	24.07	GREEN	1397	200	18144
DDE5011725	24.08	27.22	BLACK	1575	284	24131
DDE5011726	27.23	30.80	PURPLE	1778	404	28577

3-3-4/2

For use on Aluminium Based Conductors

### NOTES

- 1 The strength shown is for loop of dead end only. For conductors with rated breaking strength (RHS) exceeding these figures please contact our sales representative, agent or head office at Andover.
- 2 To achieve the full rated breaking strength of single core ACSR conductors it is essential that the core wire is coated with line grip compound. For multi-steel core wires, please contact PLP (GB) Ltd for recommendations.

## CONDUCTOR TERMINATION

*PREFORMED™ Distribution Grip Dead End-Copper Covered Steel*

CATALOGUE No.	NOM DIAMETER RANGE mm		COLOUR CODE	LENGTH mm	APPROX WEIGHT KGS PER 100	LOOP STRENGTH NOTE 1 KGS
	MIN	MAX				
DDE4611811	4.62	5.17	BLUE	406	6	1601
DDE4611812	5.18	5.81	BROWN	457	8	1854
DDE4611813	5.82	6.54	ORANGE	457	8	1854
DDE4611814	6.55	7.36	YELLOW	559	12	2857
DDE4611815	7.37	8.27	RED	635	14	2857
DDE4611816	8.28	9.26	GREEN	686	19	3248
DDE4611817	9.27	10.40	YELLOW	686	24	3919
DDE4611818	10.41	11.70	BLUE	737	26	3919
DDE4611819	11.71	13.12	ORANGE	838	37	4799
DDE4611820	13.13	14.67	PURPLE	889	53	7190
DDE4611821	14.68	16.60	BLUE	889	67	7806
DDE4611822	16.61	18.79	RED	991	92	9707
DDE4611823	18.80	21.28	BROWN	1270	151	11793
DDE4611824	21.29	24.07	GREEN	1397	200	14152
DDE4611825	24.08	27.22	BLACK	1575	284	17100
DDE4611826	27.23	30.80	PURPLE	1778	404	20684

3-3-4/3

For use on Copper Based Conductors

### NOTES

1 The strength shown is for loop of dead end only. For conductors with rated breaking strength (RBS) exceeding these figures please contact our sales representative, agent or head office at Andover.

## CONDUCTOR TERMINATION

*PREFORMED™ Distribution Grip Dead End-Galvanised Steel*

CATALOGUE No.	NOM DIAMETER RANGE		COLOUR CODE	LENGTH mm	LOOP STRENGTH NOTE 1 KGS
	MIN	MAX			
DDE4711911	4.62	5.17	BLUE	431	3107
DDE4711912	5.18	5.81	BROWN	457	3107
DDE4711913	5.82	6.54	ORANGE	457	3107
DDE4711914	6.55	7.36	YELLOW	559	3901
DDE4711915	7.37	8.27	RED	635	3901
DDE4711916	8.28	9.26	GREEN	686	4739
DDE4711917	9.27	10.40	YELLOW	686	4739
DDE4711918	10.41	11.70	BLUE	737	5647
DDE4711919	11.71	13.12	ORANGE	813	7189
DDE4711920	13.13	14.67	PURPLE	889	9585
DDE4711921	14.68	16.60	BLUE	889	11863
DDE4711922	16.61	18.79	RED	991	14819
DDE4711923	18.80	21.28	BROWN	1067	20865
DDE4711924	21.29	24.07	GREEN	1067	25401
DDE4711925	24.08	27.22	BLACK	1067	30527
DDE4711926	27.23	30.80	PURPLE	1067	37059

3-3-4/4

For use on Insulated Conductors

### NOTES

1 The holding strength of this fitting is dependent on type and construction of cable and type and thickness of insulating material and strengths shown are for loop of dead end only.

2 These fittings are unsuitable for certain types of flexible cables. Please consult our technical representative, agent or head office, Andover for further details.