

FIBERLIGN[®] Dead-end for OPGW

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The **FIBERLIGN Dead-end** is designed to terminate Optical Ground Wire (OPGW) while minimizing any compression stresses that may be transferred to the core or optical elements within. The Retaining Rods act with the Wedge and Housing to distribute the axial and compressive loading over a large area of the OPGW. Standard units have lefthand lay rods.

Features

- The U-Bolt provides up to 18 inches of take-up to allow for tension adjustment and extra clearance distance.
- The retaining rods and wedges may be reused once for retensioning after initial installation.
- Accessories may be included in the same container with the Dead-end by adding the appropriate suffix code.

Documentation

Application Procedures

[SP-2671 \(FIBERLIGN Dead-end OPGW\)](#)

Catalog Pages

[FIBERLIGN Dead-end OPGW - Catalog](#)

Part Tables

Catalog Number	Diameter Range				Overall Rod Length (in)	Rods per set	Subset	Color Code	Components Rated Strength (lbs)	Exposed Rod Length for (L _e) VORTX™ Placement	
	Min. (in)	Max. (in)	Min. (mm)	Max. (mm)						Damper (in)	Placement (mm)
280110266	.358	.374	9.1	9.5	24	9	3-3-3	Blue	25,000	21	533
2801300	.375	.391	9.5	9.9	24	9	3-3-3	Pink	25,000	21	533
2801301	.392	.410	10.0	10.3	24	9	3-3-3	Pink	25,000	21	533
2801302	.411	.425	10.4	10.7	26	10	3-3-4	White	25,000	23	584
2801303	.426	.443	10.8	11.2	26	10	3-3-4	White	25,000	23	584
2801304	.444	.460	11.3	11.6	27	10	3-3-4	Brown	25,000	24	609
2801305	.461	.477	11.7	12.0	27	10	3-3-4	Brown	25,000	24	609
2801306	.478	.494	12.1	12.5	29	11	3-4-4	Purple	25,000	26	660
2801307	.495	.511	12.6	12.9	29	11	3-4-4	Purple	25,000	26	660
2801308	.512	.528	13.0	13.3	31	12	3-3-3-3	Yellow	25,000	28	711
2801309	.529	.545	13.4	13.8	31	12	3-3-3-3	Yellow	25,000	28	711
2801310	.546	.562	13.9	14.2	32	12	3-3-3-3	Blue	25,000	29	737
2801311	.563	.579	14.3	14.6	32	12	3-3-3-3	Blue	25,000	29	737
2801312	.580	.596	14.7	15.1	34	12	3-3-3-3	Orange	25,000	31	787
2801313	.597	.613	15.2	15.5	34	12	3-3-3-3	Orange	25,000	31	787
2801314	.614	.630	15.6	15.9	36	11	3-4-4	Red	25,000	33	838
2801315	.631	.647	16.0	16.4	36	11	3-4-4	Red	25,000	33	838
2801316	.648	.664	16.5	16.9	38	12	3-3-3-3	Black	25,000	35	889
2801317	.665	.681	17.0	17.2	38	12	3-3-3-3	Black	25,000	35	889
2801318	.682	.698	17.3	17.7	40	12	3-3-3-3	Green	25,000	37	938
2801319	.699	.715	17.8	18.0	40	12	3-3-3-3	Green	25,000	37	938
2801320	.716	.732	18.1	18.5	41	12	3-3-3-3	Brown	25,000	38	965
2801321	.733	.749	18.6	18.9	41	12	3-3-3-3	Brown	25,000	38	965
2801322	.750	.766	19.0	19.4	59	12	3-3-3-3	Purple	45,000	56	1422
2801323	.767	.783	19.5	19.8	59	12	3-3-3-3	Purple	45,000	56	1422
2801324	.784	.800	19.9	20.2	64	12	3-3-3-3	Yellow	45,000	61	1549
2801325	.801	.817	20.3	20.7	64	12	3-3-3-3	Yellow	45,000	61	1549
2801326	.818	.834	20.8	21.1	66	13	3-3-3-4	Blue	45,000	63	1600
2801327	.835	.851	21.2	21.5	66	13	3-3-3-4	Blue	45,000	63	1600
2801328	.852	.868	21.6	22.0	70	12	3-3-3-3	Orange	45,000	67	1701
2801329	.869	.885	22.1	22.4	70	12	3-3-3-3	Orange	45,000	67	1701
2801330	.886	.902	22.5	22.8	72	12	3-3-3-3	Red	45,000	69	1753
2801331	.903	.919	22.9	23.2	72	12	3-3-3-3	Red	45,000	69	1753
2801332	.920	.936	23.3	23.8	74	13	3-3-3-4	Black	45,000	71	1803

Videos

INSTALLATION VIDEO

Accessories

Accessories may be included in the same container with the Dead-end by adding the

appropriate suffix code.

(Ex. 2801312G, includes Dead-end with ground wire assembly #710010016)

Catalog Number	Suffix Code	Description
710010016	G	4' long (1.2 m) #4 (7W) copper ground wire with terminal on one end.
710010294	GA	4' (1.2 m) long 4/0 (7W) aluminum ground wire with terminal on one end.
710011205	GA2	5' (1.5 m) long 95 mm ² (19W) aluminum ground wire with terminals at both ends.