

FIBERLIGN® Products for ADSS Applications

FIBERLIGN® Tangent Support for ADSS Drop Cables



APPLICATION

The FIBERLIGN® Tangent Support (FTS) offers another method of supporting ADSS Drop Cables with excellent unbalance load capability and bend relief support. This product is designed to connect directly to J-hooks for a economical alternative. One FTS can reduce pole clutter by replacing two Dead-end and j-hook connections.

For multi-cable attachments, a long loop version of the FTS can be provided. This will allow two vertically spaced cables to suspend from the same j-hook.

CAPABILITIES

- Accepts round and flat profile ADSS drop cables
- Span lengths up to 300' NESC heavy
- Line angles up to 20 degrees
- Multi-cable options
- Short loop design standard
- Long loop design for multi-cable
- Unbalanced load
- 100 to 200 lbs. Depending on cable dia.

FEATURES AND MATERIALS

- Corrosion Resistant Materials
- Relieved Rod ends – safe against cable jacket
- Elastomer Coating for soft pliable interface

ORDERING INSTRUCTIONS

- FIBERLIGN Tangent Support (Round profile) – Select the appropriate FIBERLIGN Tangent Support based on the cable diameter. Contact PLP technical support for sizes not listed.
- FIBERLIGN Tangent Support (Flat profile) – Select the appropriate FIBERLIGN Tangent Support based on the Cable information referenced. Contact PLP technical support for sizes not listed.

FIBERLIGN® Tangent Supports for Round Cable Profile

Catalog No.	Cable Range (inches)		Cable Range (mm)		Color Code	Overall Length (inches)	Overall Length (mm)
6126001	.251	.260	6.4	6.6	Red	18	457
6126002	.261	.270	6.7	6.8	Blue	19	483
6126003	.271	.280	6.9	7.1	Green	19	483
6126004	.281	.290	7.2	7.4	None	20	508
6126005	.291	.300	7.5	7.6	Pink	20	508
6126006	.301	.310	7.7	7.9	Yellow	20	508
6126007	.311	.320	8.0	8.1	Orange	20	508
6126008	.321	.330	8.3	8.4	Red	23	584
6126009	.331	.341	8.5	8.7	Blue	23	584
6126010	.342	.350	8.8	8.9	Green	24	610
6126011	.351	.360	9.0	9.1	None	25	635
6126012	.361	.370	9.2	9.4	Pink	26	660
6126013	.371	.380	9.5	9.7	Yellow	27	686
6126014	.381	.390	9.8	9.9	Orange	27	686
6126015	.391	.400	9.9	10.2	Red	27	686

FIBERLIGN® Tangent Supports for Flat Cable Profile

Catalog Number	Flat Cable Information Cable Range (mm)		Mfg.	Color Code	Overall Length (inches)	Overall Length (mm)
	Dimension LxW inches (mm)					
6126009	.31 x .15 (7.8 x 3.7)		DRAKA	Blue	23	584
6126010	.31 x .17 (7.8 x 4.3)		OFS	Green	24	610
6126012	.33 x .17 (8.5 x 4.3)		Corning	Purple	26	660
6126013	.33 x .20 (8.5 x 5.0)		Prysmian	Yellow	27	686
612612245	.410 x .200 (10.4 x 5.1)		DRAKA	Yellow	27	686
612612245	.460 x .195 (11.7 x 4.9)		REMEE	Yellow	27	686



FIBERLIGN[®] Products for Figure 8 Drop Cable Applications

GENERAL INFORMATION

Figure 8 cables designed for the last mile are relatively small and have very low load requirements for pole-to-pole distribution and pole-to-premise service drops. Distribution span lengths are typically less than 300' and service drops are typically less than 150'. Figure 8 type drop cables are typically supported with metallic strength members and protected by an outer plastic sheath. A web joins the messenger component to the fiber optic component. This section covers attachment hardware products for Figure 8 Drop cables.

Messenger materials vary from galvanized steel to stainless steel material.

FIBERLIGN Products for Figure 8 include:

- FIBERLIGN[®] Drop Cable Dead-end
- FIBERLIGN[®] Lite Support
- FIBERLIGN[®] Tangent Support