



FIBERLIGN® Lite Tension Dead-end for ADSS

Dead-end performance depends upon a number of factors including cable brand and design, tension load requirements, temperature and environmental operating conditions among others.

The FIBERLIGN Lite Tension Dead-end has a pliable latex coating and flared rod end treatment that avoids possible damage to the cable jacket during and after installation.

Attaching to the Structure:

The loop diameter of the Lite Tension Dead-end will fit over a minimum diameter of 1.5" (38 mm) and a maximum diameter of 2-1/4" (57 mm). The Lite Tension Dead-end is designed to accept common guy wire dead-end pole fittings like thimble eyes and guy hooks.



Appropriate Fittings:

The extended loop of the dead-end reduces the need for an extension link; however, PLP can provide other FIBERLIGN® fittings including extension links (with thimble clevis) if desired. PLP offers the TC-5F Thimble Clevis, Thimble Eye, and LCE-55-14 Extension Link.

In general, Lite Tension Dead-ends are intended for use with these conditions and limitations:

- Light Tensions, approximately:
 - 600# (2.7 kN) maximum initial (stringing/nominal axial/long-term) tension
 - 800# (3.5 kN) maximum loaded (working/loaded axial/short-term) tension
- Short Spans:
 - 300' (91 m) maximum spans
 - not recommended for critical crossing spans (highways, rivers, etc.) see Medium or High Tension Dead-ends
- Very low strength cables
- "Standard" jackets
- Most cable brands
- No excessive operating conditions, cable motion or high temperatures

Lite Tension Dead-end features:

- Standard design parameters
- Broad cable OD ranges, listed on ID tags
- Economical single component design
- Optimized compact length
- Fast easy installation
- Accepts standard pole line fittings
- Latex coated with flared rod ends
- Uniform pressure design
- Superior fatigue strength wire design

Catalog* Number	Cable Diameter Range				Color Code	Overall Length	
	Min. (in)	Max. (in)	Min. (mm)	Max. (mm)		inches	meter
2875001	.375	.414	9.5	10.5	Red	28	.71
2875002	.415	.459	10.6	11.6	Orange	31	.79
2875003	.460	.505	11.7	12.8	Green	33	.84
2875004	.506	.557	12.9	14.1	Pink	37	.94
2875005	.558	.615	14.2	15.6	Yellow	42	1.07
2875006	.616	.680	15.7	17.3	Blue	45	1.14
2875007	.681	.750	17.4	19.1	Brown	49	1.24

*Add suffix code TE to include Thimble Eye (Cat. No. TE-5) Number – Mount with 5/8" or 16 m bolt and nut.