

FIBERLIGN® FIGURE 8 DROP CABLE DEAD-END

The **FIBERLIGN Figure 8 Drop Cable Dead-End** offers high-strength in a lightweight package. Simple to install, the dead-end is applied on the messenger component of the Figure 8 cable after separating the fiber component at the web.

FEATURES AND BENEFITS

- Designs available for high-adherence jacketed messenger or bare messenger applications
- Offered in galvanized steel or stainless steel to match the messenger strand
- Dead-end loop will fit a minimum diameter of 1" (25.4 mm) and a maximum of 1-5/8" (41.3 mm) to allow the dead-end to fit over common pole line hardware fittings
- Thimble option for proper loop support when attaching the dead-end to hooks or other types of fittings with diameters less than 1"
- Formed wire design allows messenger wires to pass through the dead-end without having to be cut to reduce the number of ground connections required

SPECIFICATIONS

FIBERLIGN® Figure 8 Drop Cable Dead-Ends 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. Figure 8 Drop Cables are relatively small and have low load requirements for pole-to-pole distribution and pole-to-premises service drops. The typical span lengths are listed below.

CAUTION: Contact the cable manufacturer for specific capabilities to determine the proper sag and tension levels for your system.

FIBERLIGN Figure 8 Drop Cable Dead-End

Maximum Span Length ¹			
Distribution		Service Drop	
ft	m	ft	m
300	91	150	46

¹Specifications listed are approximate and can vary by application.

ATTACHMENT FITTINGS

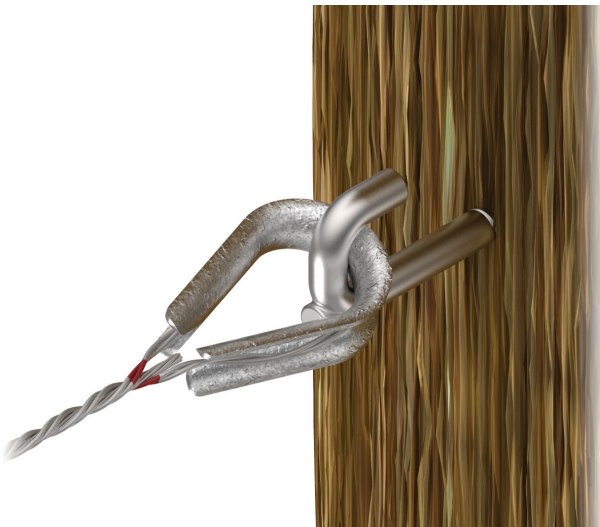
Thimbles can be used for fittings that may cause high stress in the loop of the dead-end. Thimbles are not required when the dead-end is installed on an optimal fitting that provides the proper loop support for the dead-end.



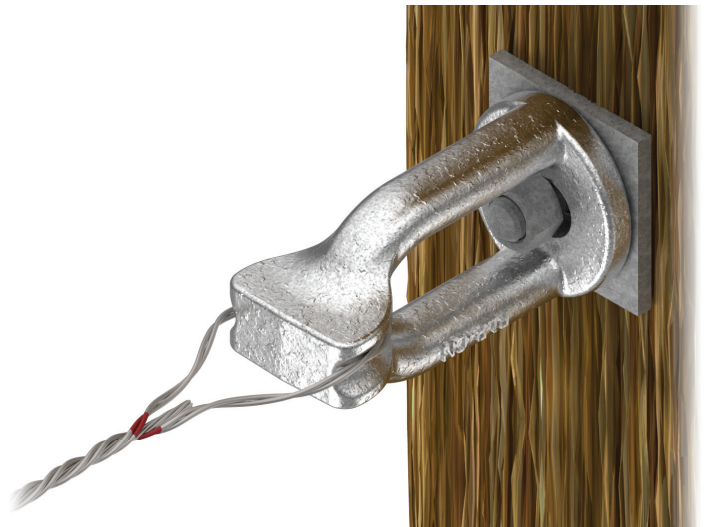
Optimal Fittings – No Thimble Required



Fittings Requiring Thimble

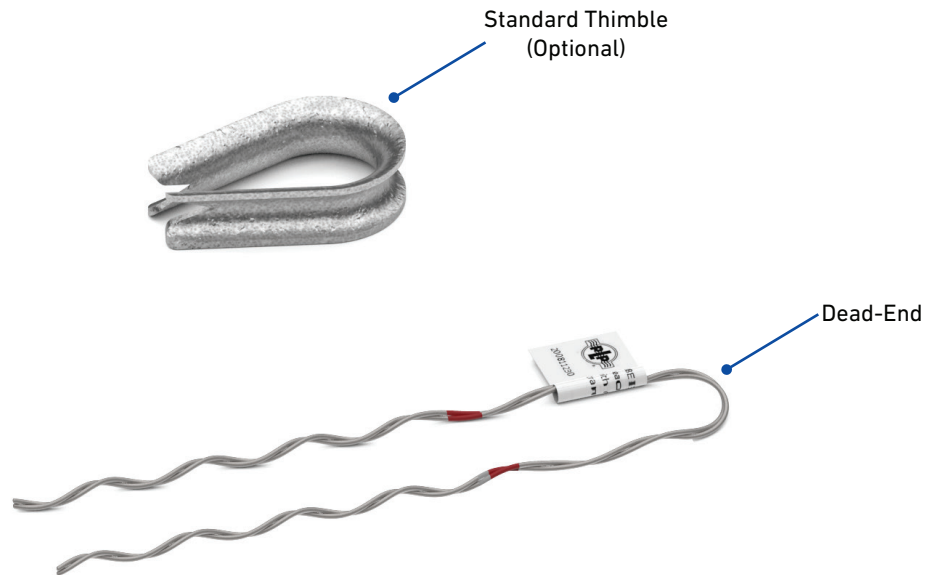


Installation with Thimble

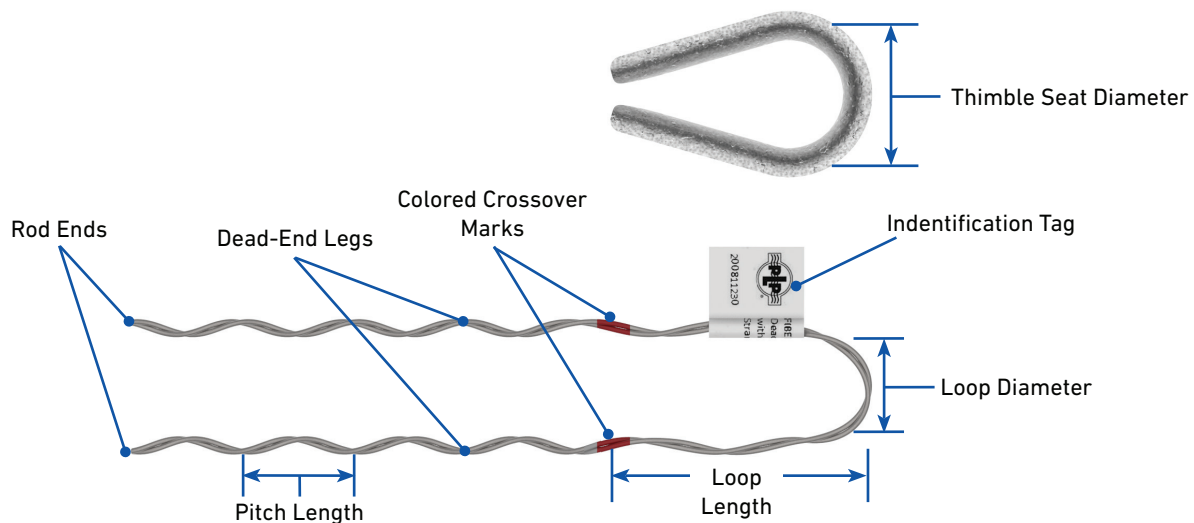


Installation without Thimble

COMPONENTS



Component	Description
Identification Tag	Includes product description and application information
Colored Crossover Mark	Indicates where dead-end contact should begin and identifies the cable diameter range
Dead-End Legs	Wrap onto the cable beginning at the crossover mark
Rod Ends	Special rod end treatment to prevent cable sheath damage
Loop Diameter	Designed to interface with standard fittings
Loop Length	Length from the color mark to the end of the loop
Pitch Length	Distance along the leg that represents one complete wrap of the formed helix around the circumference of the cable (360 degrees)
Thimble Seat Diameter	Designed to fit the dead-end loop



ORDERING INFORMATION

Select the appropriate **FIBERLIGN® Figure 8 Drop Cable Dead-End** based on the cable's bare messenger diameter unless the jacketed messenger performance has been confirmed. If the cable you are using does not match the published dimensions, please contact PLP and provide the messenger strand specifications, including material type, lay direction, and rated strength to help with proper dead-end selection.

FIBERLIGN Figure 8 Drop Cable Dead-End

Catalog Number		Cable Information ²			Color Code	Length	
without Thimble	with Thimble ¹	L x W ³		Manufacturer		in	m
		in	mm				
200811230	200811230T	0.300 x 0.170	7.6 x 4.3	Prysmian	Red	8	0.20
699911619 ⁴	699911619T ⁴	0.380 x 0.160	9.6 x 4.1	Corning	Yellow	13	0.33

¹ Includes a 1/2" Standard Thimble (Catalog Number: 00065474). The Standard Thimble weighs 0.12 lb

² Contact PLP for cable applications not shown

³ Length x Width of the Figure 8 Drop Cable cross-section

⁴ Apply over jacket

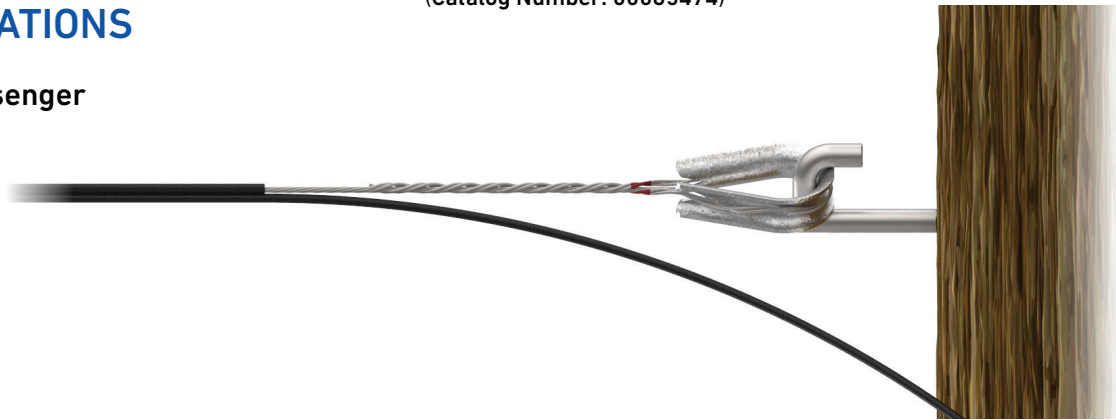
Standard Thimble for FIBERLIGN Drop Cable Dead-Ends



1/2" Galvanized Steel Standard Thimble
(Catalog Number: 00065474)

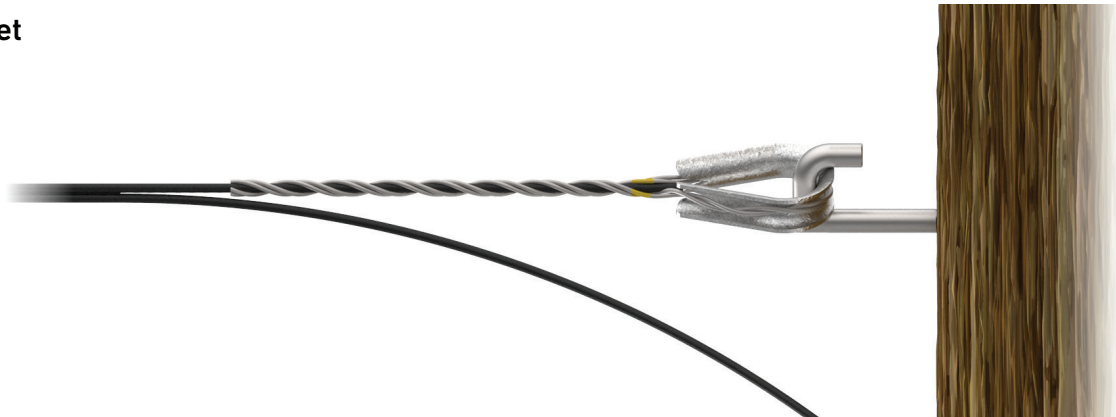
APPLICATIONS

Bare Messenger



8" FIBERLIGN Figure 8 Drop Cable Dead-End with Thimble
(Catalog Number: 200811230T)

Over Jacket



13" FIBERLIGN Figure 8 Drop Cable Dead-End with Thimble
(Catalog Number: 699911619T)