



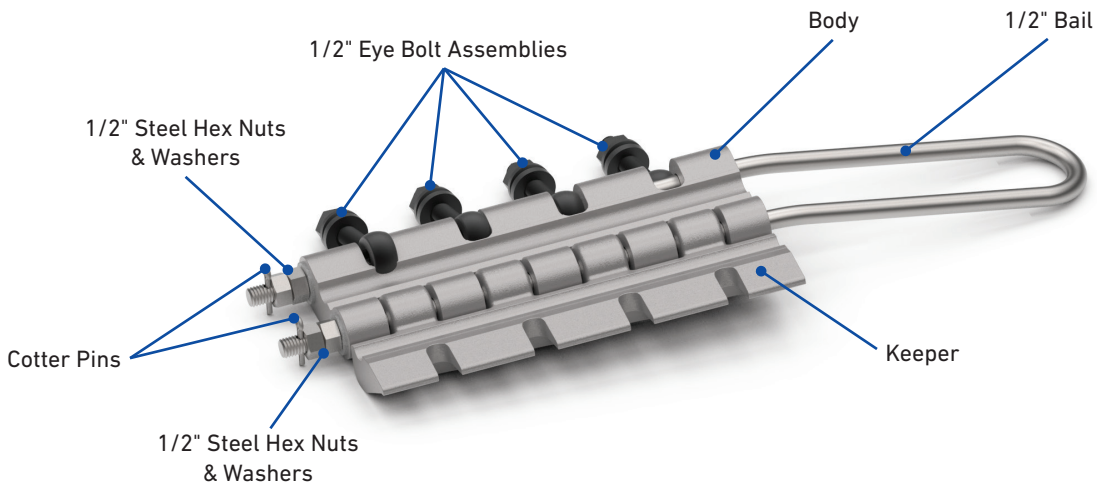
## FIBERLIGN® OPTICAL TENSION DEVICE

The **FIBERLIGN Optical Tension Device** is designed for pulling OPGW fiber cable to final sag tension. Once the final sag has been achieved, a permanent type dead-end device should be installed promptly, followed by the removal of the tensioning device.

### FEATURES AND BENEFITS

- Designed for OPGW cable with a diameter range of 0.350" – 0.820" (8.9 mm – 20.8 mm)
- Load rating of 50% of the rated breaking strength of the OPGW or 5,000 lb (24.4 kN), whichever is less
- Body and keeper are made from a high-strength aluminum alloy
- Pivoting harden steel eye bolt assemblies allow for quick installation of the device onto OPGW
- Spherical nuts and washers of the eye bolt assemblies prevent unequal load distribution on the keeper
- Steel bail is angled to allow clearance between the OPGW and the hoist and prevent damage to the OPGW during tensioning
- Double lock nuts and cotter pins prevent the bail from pulling out of the body while being tensioned
- Various designs are available to accommodate OPGW manufactured by specific suppliers

## COMPONENTS



## ORDERING INFORMATION

- Complete the catalog number by selecting the appropriate suffix codes from on the tables below

### FIBERLIGN Optical Tension Device Catalog Number

**OTD-**   X   -   XXX    
(Section 1)      (Section 2)

**Catalog Number Example: OTD-A-724**

Includes (1) Optical Tension Device for AFL .724" Diameter OPGW

#### Section 1

OPGW Supplier	
Suffix Code	Supplier Name
A	AFL
I	Incab
P	Prysmian
S	SFPOC
O	Other

#### Section 2

OPGW Diameter	
Suffix Code	in
350 – 820	0.350 – 0.820