

FIBERLIGN[®]



FIBERLIGN® DOWNLEAD CUSHION

The **FIBERLIGN Downlead Cushion** secures ADSS cable downleads to poles or structures while minimizing compressive clamping forces which could be transferred to the optical elements. The Downlead Cushion is a two-piece design with a base and cap that has grooves to accommodate specified round cables or ADSS flat drop cables. Various mounting accessories can be included to install the Downlead Cushion on different types of utility poles and structures, including lattice towers.

FEATURES AND BENEFITS

- Firmly secures ADSS cables to poles and structures without comprimising the intergrity of the cable
- Standard cushion is molded with two grooves to support each cable downlead
- Flat drop cushion is molded with six grooves to support ADSS flat drop cables
- Made from a durable, pliable, weather-resistant urethane material
- Kits can include mounting accessories to secure the downlead cushion to poles (wood, concrete, or metal) or lattice towers



ORDERING INFORMATION

Select the appropriate FIBERLIGN® Downlead Cushion based on the cable diameter and structure type.

Round-Profile Cables

Catalog Number							Cable Diameter Range	
Cushion Only	Cushion with Wood Pole Mounting Hardware Kit	Cushion with 1/2"- 13 UNC Hex Head Bolt Hardware Kit ¹	Cushion with Banding Bracket Kit ²	Cushion with Lattice Tower Clamp Kit ³	Cushion with Light-Duty Lattice Tower Clamp Kit ³	in	mm	
8003806	8003806H1	8003806H3	8003806B1	8003806LTC1	8003806LTC2	0.280 - 0.374	7.1 – 9.4	
8003041	8003041H1	8003041H3	8003041B1	8003041LTC1	8003041LTC2	0.375 - 0.468	9.5 – 11.8	
8003042	8003042H1	8003042H3	8003042B1	8003042LTC1	8003042LTC2	0.469 - 0.562	11.9 – 14.2	
8003043	8003043H1	8003043H3	8003043B1	8003043LTC1	8003043LTC2	0.563 - 0.656	14.3 – 16.6	
8003044	8003044H1	8003044H3	8003044B1	8003044LTC1	8003044LTC2	0.657 - 0.750	16.7 – 19.0	
8003052	8003052H1	8003052H3	8003052B1	8003052LTC1	8003052LTC2	0.751 - 0.849	19.1 – 21.5	
8003256	8003256H1	8003256H3	8003256B1	8003256LTC1	8003256LTC2	0.850 - 0.950	21.6 – 24.1	
8003257	8003257H1	8003257H3	8003257B1	8003257LTC1	8003257LTC2	0.951 – 1.050	24.2 – 26.6	
8003379	8003379H1	8003379H3	8003379B1	8003379LTC1	8003379LTC2	1.051 – 1.190	26.7 - 30.2	

¹For mounting on metal or concrete poles with a 1/2"-13 UNC female interface

³For mounting on lattice towers with tower members up to 1-1/8" thick



FIBERLIGN Downlead Cushion for Round Cable Mounted to Wood Pole (Suffix Code: H1)



FIBERLIGN Downlead Cushion for Round Cable Mounted to Steel Pole (Suffix Code: B1)



FIBERLIGN Downlead Cushion for Round Cable Mounted to Lattice Tower (Suffix Code: LTC1)

Flat Drop Cables

	Cat	Flat Drop Cable Dimension			
Downlead	Banding	Downlead Cushion with Banding Hardware Kit ¹	Downlead Cushion with Wood Pole Hardware Kit	L x W ²	
Cushion Only	Hardware Only			in	mm
8004191	710016821	8004191H	8004191H1	≈ 0.3 x 0.2	≈ 7.6 x 5.1

Downlead cushions for flat drop cables have a molded-in slot for 3/4" banding. Banding is not included with the banding hardware kit.

² Length x Width of the flat drop cable cross section



FIBERLIGN Downlead Cushion for Flat Drop Cable Mounted to Wood Pole (Suffix Code: H1)



FIBERLIGN Downlead Cushion for Flat Drop Cable Mounted to Steel Pole (Suffix Code: H)

²Banding is not included

MOUNTING ACCESSORIES

WOOD POLE



Catalog Number: 710010017 Wood Pole Mounting Hardware Kit (Suffix: H1)

METAL/CONCRETE POLE



Catalog Number: 710011655 1/2"-13 UNC Hex Head Bolt Hardware Kit1 (Suffix Code: H3)



Catalog Number: 710010576 Banding Bracket Kit^{1, 2} (Suffix Code: B1)



Catalog Number: 710016821 Banding Hardware Kit^{3, 4} (Suffix Code: H)

LATTICE TOWER



Catalog Number: 7000400 Lattice Tower Clamp Kit with 6" Long Bolt (Suffix Code: LTC1)



Catalog Number: 7000402 Lattice Tower Clamp Kit with 8" Long Bolt



Catalog Number: 7000401 Lattice Tower Clamp Kit with 10" Long Bolt



Catalog Number: 700011045 Light-Duty Lattice Tower Clamp Kit (Suffix Code: LTC2)

¹ For round-profile cable only – not compatible with flat drop cable.

 $^{^2}$ The banding bracket kit accepts up to 1-1/4" wide banding. Banding is not included with the kit.

³ For flat drop cable only – not compatible with round-profile cable.

⁴Downlead cushions for flat drop cables have a molded-in slot for 3/4" banding. Banding is not included with the banding hardware kit.