

FIBERLIGN® Suspension for OPGW

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Description

The **FIBERLIGN Suspension** provides superior cable and fiber protection at the support point. The combination of Structural Reinforcing Rods, Outer Rods, boltless housing and resilient inserts reduces compression, clamping, and bending stresses on cable. Negative weather related cable motion, such as aeolian vibration, galloping, and wind sway are also minimized.

Features

- Elastomer Insert is specifically formulated for resistance to ozone attack, weathering, extreme high and low temperatures variations, and compression set.
- Housing is a high-strength aluminum alloy casting.
- Applications for Single or Double Suspensions
- Consult PLP for trunnion or bracket type mounting, right-hand lay, and larger units for special applications.
- Fittings and grounding accessories available and can be included in the same container with the suspension.

Documentation

Application Procedures

[SP-2704 \(FIBERLIGN® Suspension for OPGW\)](#)

[SP-3049 \(FIBERLIGN® Suspension for OPGW - Enhanced Corrosion\)](#)

[SP-2968 \(FIBERLIGN® Suspension for OPGW - Double\)](#)

Catalog Pages

Part Tables

CATALOGUE NO. SUFFIX FAG	DIAMETER RANGE		STRUCTURAL REINFORCEMENT RODS			OUTER RODS		
	MIN. (mm)	MAX. (mm)	LENGTH (mm)	ROD DIA. (mm)	ROD PER SET	LENGTH (mm)	ROD DIAM. (mm)	ROD PER SET
354/381	8.9	9.7	1676	3.66	9	1372	5.18	11
382/398	9.7	10.1	1676	3.66	9	1372	5.18	11
399/418	10.1	10.6	1676	3.66	10	1372	5.18	11
419/439	10.6	11.2	1702	3.66	10	1397	5.18	11
440/458	11.2	11.6	1727	3.66	11	1422	5.18	11
477/503	12.1	12.8	1829	4.06	10	1524	6.35	10
512/536	13.0	13.6	1829	4.06	1	1549	6.35	10
537/559	13.6	14.2	1829	3.66	11	1524	6.35	10
566/573	14.4	14.6	1854	3.66	12	1549	6.35	10
574/598	14.6	15.2	1930	4.06	11	1626	6.35	11
599/625	15.2	15.9	1956	4.06	11	1651	6.35	11
626/666	15.9	16.9	1956	4.06	11	1651	6.35	11
667/710	16.9	18.0	2007	4.62	11	1676	6.35	12
729/750	18.5	19.0	2007	4.62	11	1702	6.35	12
751/786	19.1	20.0	2057	4.62	11	1727	6.35	12
787/814	20.0	20.7	2057	4.62	11	1753	6.35	12
908/916	23.1	23.3	2388	5.18	11	2083	7.62	11

Accessories

Ground Wire assemblies and fittings may be included in the same container with the suspension by adding the appropriate SUFFIX CODE from the below table.

Note: the suffix sequence is grounding wire first and fittings second.

Ex. 4300100GYC includes a 4300100 single suspension with copper ground wire assembly (G) and Y-clevis eye (YC).

Suffix Code	Description
G	4' (1.2 m) long #4 (7W) Copper with terminal on one end. Catalog #710010015
GA	4' (1.2 m) long 4/0 (19W) Aluminum conductor with terminal on one end. Catalog #710010293
GA2	5' (1.5 m) long 95 mm ² (7w) Aluminum Ground wire with terminals at both ends

CAUTION: Determine appropriate material and size wire necessary to provide adequate grounding for your system before ordering the ground wire assemblies. For proper performance and personal safety be sure to select the proper ground wire before application.

S2	Anchor Shackle (Catalog no 72905002), 25,000#
YC	One (1) Y-clevis to fit selected suspension. Single suspension applications.
CE	One (1) clevis-eye to fit selected suspension. Single suspension applications.
CEYP	Two (2) clevis-eyes with yoke plate to fit selected suspension. Double suspension applications.