

# FIBERLIGN® Dielectric Suspension for ADSS

**Weight:** 0.00kg

**Dimensions:** 0.00cm x 0.00cm x 0.00cm

## Description

The **FIBERLIGN® Dielectric Suspension** is specifically designed for installation on ADSS cables and is different than FIBERLIGN® Suspension for OPGW. Due to the relatively fragile nature of the plastic jackets and nonmetallic strength members of ADSS, special care and features are incorporated into the design of the FIBERLIGN Dielectric Suspension.

## Features

- Uses a combination of Structural Reinforcing Rods, Outer Rods, boltless housing and resilient cable inserts to reduce compression clamping and bending stresses on the cable and glass fibers.
- Double layer of rods offers critical protection against tearing of the plastic jacket during unbalanced longitudinal loading of the cable while providing substantial holding strength.
- Intended for long spans where suspension is desired regardless of span, where very high unbalanced longitudinal holding strengths are desired, or where very high vertical loads are expected.

## Documentation

### Application Procedures

[SP-2704 \(Fiberlign Dielectric Suspension ADSS\)](#)

## Catalog Pages

[Fiberlign Dielectric Suspension ADSS - Catalog](#)

# Part Tables

Catalog Number	Diameter Range				Structural Reinforcement Rods							Outer Rods					
	Min.-Max. (in)		Min.-Max. (mm)		Length		Rod Diameter		Rods per set	Color Code	Length		Rod Diameter		Rods per set	Color Code	
					(in)	(meters)	(in)	(mm)			(in)	(meters)	(in)	(mm)			
430010267	.354	.381	8.9	9.6	80	2.03	.146	3.7	9	Blue	42	1.07	.204	5.2	11	Blue	
43003195	.399	.418	10.1	10.6	80	2.03	.146	3.7	10	Yellow	42	1.07	.204	5.2	11	Yellow	
43001929	.419	.439	10.7	11.1	80	2.03	.146	3.7	10	Black	42	1.07	.204	5.2	11	Black	
43009490	.440	.458	11.2	11.6	81	2.06	.146	3.7	11	White	43	1.09	.204	6.4	11	White	
43003233	.459	.461	11.7	11.7	84	2.13	.167	4.2	10	Purple	46	1.17	.250	6.4	10	Orange	
43003234	.462	.476	11.8	12.0	84	2.13	.167	4.2	10	Purple	46	1.17	.250	6.4	10	Purple	
43004061	.477	.503	12.1	12.7	84	2.13	.146	3.7	12	Orange	46	1.17	.250	6.4	10	Orange	
43004164	.504	.511	12.8	12.9	84	2.13	.146	3.7	12	Red	46	1.17	.250	6.4	10	Purple	
43009922	.512	.536	13.0	13.6	87	2.21	.167	4.2	11	Blue	49	1.24	.250	6.4	11	Blue	
43002246	.537	.559	13.7	14.1	87	2.21	.167	4.2	11	Green	49	1.24	.250	6.4	11	Green	
43004100	.560	.565	14.2	14.3	87	2.21	.167	4.2	11	Green	49	1.24	.250	6.4	11	Green	
43003235	.566	.573	14.4	14.5	92	2.34	.182	4.6	11	Black	54	1.37	.250	6.4	12	Black	
43009945	.574	.598	14.6	15.1	92	2.34	.182	4.6	11	Black	54	1.37	.250	6.4	12	White	
43009965	.599	.625	15.2	15.8	92	2.34	.182	4.6	12	Brown	54	1.37	.250	6.4	12	Brown	
43003239	.626	.632	15.9	16.0	102	2.59	.204	5.2	11	Red	63	1.6	.310	7.9	11	Red	
43009760	.633	.666	16.1	16.9	102	2.59	.204	5.2	11	Red	63	1.6	.310	7.9	11	Blue	
43004965	.667	.682	17.0	17.3	102	2.59	.204	5.2	12	Yellow	63	1.6	.310	7.9	11	Green	
43009947	.683	.710	17.4	18.0	102	2.59	.204	5.2	12	Yellow	63	1.6	.310	7.9	11	Yellow	
43004991	.711	.728	18.1	18.4	102	2.59	.204	5.2	12	White	63	1.6	.310	7.9	12	Black	
43009868	.729	.744	18.5	18.8	102	2.59	.204	5.2	12	White	63	1.6	.310	7.9	12	White	
43006274	.745	.750	18.9	18.9	102	2.59	.204	5.2	12	White	63	1.6	.310	7.9	12	White	
43009842	.751	.786	19.0	19.9	102	2.59	.204	5.2	13	White	63	1.6	.310	7.9	12	Brown	
43003240	.787	.814	20.0	20.6	111	2.82	.250	6.4	11	Green	72	1.83	.365	9.3	11	Green	
43003058	.815	.845	20.7	21.4	111	2.82	.250	6.4	12	Yellow	72	1.83	.365	9.3	11	Yellow	
43003028	.846	.855	21.5	21.6	111	2.82	.250	6.4	12	Green	72	1.83	.365	9.3	12	Blue	
43003230	.856	.894	21.7	22.6	119	3.02	.250	6.4	12	Black	80	2.03	.365	9.3	12	Black	
43003079	.895	.907	22.7	22.9	119	3.02	.250	6.4	12	White	80	2.03	.365	9.3	12	White	
43003241	.908	.916	23.0	23.2	119	3.02	.250	6.4	13	Purple	80	2.03	.365	9.3	12	Purple	
43003242	.917	.929	23.3	23.5	119	3.02	.250	6.4	13	Brown	80	2.03	.365	9.3	12	Brown	
43003243	.930	.942	23.6	23.9	119	3.02	.250	6.4	13	Red	80	2.03	.365	9.3	12	Red	
43003244	.943	.977	24.0	24.7	119	3.02	.250	6.4	13	Orange	80	2.03	.365	9.3	13	Orange	
430010305	.978	1.016	24.8	25.7	118	3.00	.250	6.4	13	Purple	80	2.03	.365	9.3	12	Purple	
430010306	1.017	1.057	25.8	26.8	118	3.00	.250	6.4	14	Red	80	2.03	.365	9.3	12	Red	
430010307	1.058	1.079	26.9	27.3	133	3.38	.250	6.4	14	Blue	95	2.41	.365	9.3	13	Blue	
430010308	1.080	1.112	27.4	28.1	133	3.38	.250	6.4	14	Green	95	2.41	.365	9.3	13	Green	
430010309	1.113	1.149	28.2	29.1	133	3.38	.250	6.4	15	Yellow	95	2.41	.365	9.3	13	Yellow	
43003778	1.150	1.190	29.2	30.1	131	3.33	.250	6.4	15	Red	92	2.34	.365	9.3	15	Red	