

AeroLink™ Long Span ADSS

All-Dielectric Self-Supporting Cable for Aerial Applications



Features and Benefits

All-Dielectric, Self-Supporting Design

- Self-Supporting design requires no over-lashing
- Allows aerial installation in a single pass
- Suitable for use in the power space in field potentials less than 12kV

Dual MDPE Jackets

- Superior compression strength and performance in deadend hardware
- Excellent protection from environmental hazards

Exceptionally High Strength

- Allows longer spans without placing the fiber under strain
- Eliminates the possibility of fiber failure, which can occur in high-strain designs

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-Blocking materials are easily removed

Flexible Buffer Tubes

- Superior kink resistance and increased flexibility
- Facilitates route management in closures
- Eliminates need for closure transportation tubes

Reverse Oscillated Lay Stranding Method

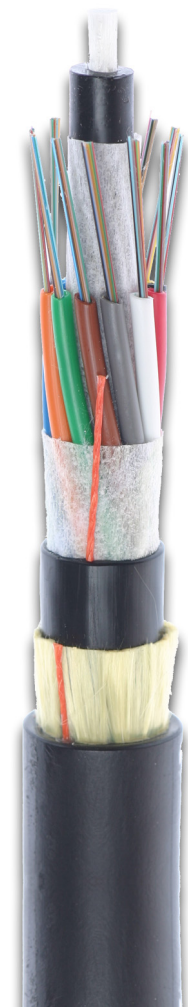
- Facilitates mid-span access of fibers

Performance

- Meets or exceeds the requirements of Telcordia GR-20, Issue 2 and ICEA 640, and is tested in accordance with relevant EIA-455 series FOTP's for fiber optic cables
- Tested in accordance with IEEE-1222

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



AeroLink™ Long Span ADSS

Tensile Ratings

Fiber Count		2-72	74-96	98-144
Maximum Rated Cable Load	(N)	13,183	14,587	17,148
	(lbf)	2960	3275	3850
Maximum Span*	(m)	400	390	350
	(feet)	1310	1280	1140
NESC Light load	(m)	320	325	305
	(feet)	1050	1070	1000
NESC Medium load	(m)	215	215	215
	(ft)	700	700	700

*Span ratings are for an installed sag of 1%--longer spans are permissible on installations with higher sag values, subject to Maximum Rated Cable Load.

Temperature Ratings

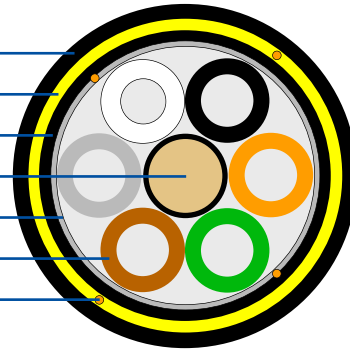
	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Design Parameters

Fiber Count		2-72	74-96	98-144
Buffer Tube Count		6	8	12
Max. Fibers/Tube		12	12	12
Buffer Tube OD	(mm)	2.8	2.8	2.8
	(inches)	0.11	0.11	0.11
Cable OD	(mm)	16.15	17.10	20.70
	(inches)	0.64	0.67	0.81
Cable Weight	(kg/km)	174	207	297
	(lb/kft)	117	139	199
Max. Length	(m)	8,300	8,300	6,994
	(ft)	27,224	27,224	22,940

Cable Construction

[Outer Jacket](#)
[Aramid Strength Yarns](#)
[Inner Jacket](#)
[Central Strength Member](#)
[Water Blocking Tape](#)
[Gel-Filled Buffer Tube Containing up to 12 Fibers](#)
[Ripcord](#)



Select a part number according to the fiber count you want:

Fiber Count	1	2	
0002-0006	<input type="checkbox"/>	<input type="checkbox"/>	S1LAAEDJL
0008-0036	<input type="checkbox"/>	<input type="checkbox"/>	T1LAAEDJL
0038-0144	<input type="checkbox"/>	<input type="checkbox"/>	S1LAAEDJL

Note: Standard lay-up for fiber counts of 12 or more is 12 fibers per tube. Please call for custom lay-ups.

Then, use the following options to complete the part number:

1 Fiber Type

G = G.652 Single-Mode

H = G.652(d) Single-Mode Low Water Peak

2 Attenuation

B = 0.35/0.25 dB/km @ 1310/1550 nm

C = 0.40/0.30 dB/km @ 1310/1550 nm

Note: Please call if you have special requirements for fiber type or attenuation. Short and long span designs are also available. Please call Inside Sales for details.

Example:

If you need a 36 count AeroLink™ Long Span ADSS Cable with Single-Mode fiber and 0.40/0.30 attenuation, order Part Number 0036GCT1LAAEDJL.

To place an order please contact us in one of the following ways:

Telephone (800) 669-0808 (Inside Sales)

Fax (800) 951-5040

comm.cables@prysmian.com

