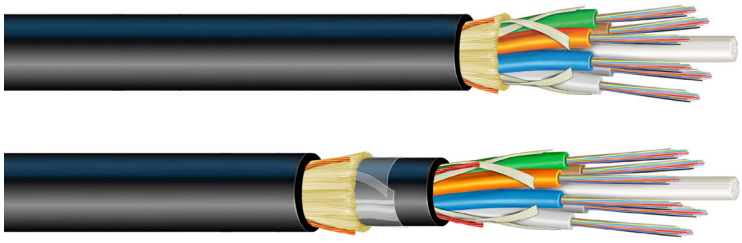
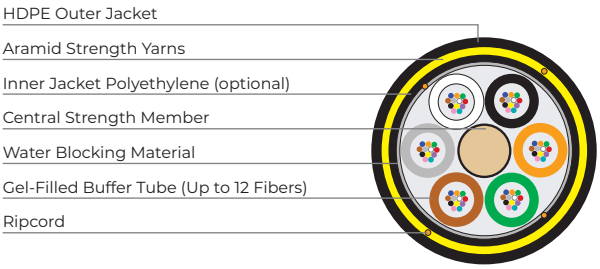
ezSPAN® ADSS

All-Dielectric Self Supporting Loose Tube Cable





OVERVIEW

Prysmian's ezSPAN® ADSS provides reliable self-support performance for up to 1200 feet (365 meters). Each ezSPAN® ADSS cable is engineered for each application based on its full weather load, ensuring safe, reliable lifetime performance. Flexible buffer tubes enable ease of mid-entry, preparation and routing in splice closures. These cables uniquely combine flexible buffer tubes and swellable water-blocking to make ezSPAN the easiest ADSS cables to prep and access. For cable ordering details, please see the **Application Check List** on page 2.

SPECIFICATIONS / RATINGS

Applications	Self-supporting aerial deployment for communications & power transmission
Constructions	All-dielectric round - typical span lengths up to 1,200' (305m), single and dual jacket
Fiber Count	12 to 144 fibers in color coded buffer tubes
Fiber Types	Single-mode / bend-insensitive / NZDSF / multimode / hybrid
Standards	IEEE 1222-2011, ANSI / ICEA 640, IEC, RUS 7 CFR 1755 (RUS LISTED), Telecordia GR-20
Registered Supplier	ISO 9001, ISO 14001, TL 9000, and OHSAS 18001
Other Versions	Long Span ADSS

RUS LISTED

FEATURES AND BENEFITS

Easy Cable Entry & Preparation

- 12 fibers per tube construction up to 144 fiber designs allow easy termination and mid-span fiber access
- Flexible buffer tubes and single jacket option enhance mid-entry
- Ripcord speeds cable entry and outer jacket removal
- Swellable binders speed cable preparation

Flexible Routing & Termination

- Flexible buffer tubes simplify routing, storage and prep
- Available with G657.A1 and G657.A2 bend-insensitive single-mode fiber

Versatile Installation & Use

- Tailored designs span distances up to 1200' (305m) without interrupting power
- Easy mid-entry is ideal for FTTx distribution applications
- Matching pole attachment hardware (dead-ends, suspension clamps)

Reliable Lifetime Performance

- Custom engineered for operation under full load
- Guaranteed standards-based performance

MADE RIGHT HERE

Prysmian
4 Tesseneer Drive, Highland Heights, KY 41076
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TLS-DS-A-501-0526

PLP ATTACHMENT HARDWARE CONSIDERATIONS

- Dead-ends indicated are Limited & Medium Tension dead-ends. The Limited Tension dead-end is designed for a maximum long-term tension of 1000 lbs and short-term tension of 2500 lbs. The Medium Tension dead-end is designed for 2000 lbs for long-term tensions and 4000 lbs for short-term loads. Semi-high or High Tension dead-ends should be used for higher tension ratings.
- Limited Tension dead ends are limited to a maximum span length of 600 feet.
- C1E1 designates thimble clevis and extension link (recommended).
- Aluminum Suspension is designed for in-line support with a maximum angle change of 20° and a maximum span of 600 feet.
- Spans of > 600 to 1200 feet require reinforcing rods (SSR).
- The “S” designates anchor shackle and eye-nut (recommended).
- Vibration dampers may be required.
- Aluminum support is designed for in-line support with a maximum angle change of 20° and a maximum span of 600 feet.

INSTALLATION SPECIFICATIONS

Minimum Bend Radius

With load: 20x cable diameter
No load: 10x cable diameter

Temperature Range

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

Maximum Stringing Tension:

600 lbs

APPLICATION CHECK LIST

1 Installation Location: City _____ State _____
2 Cable Length Marking: ☐ Feet ☐ Meters
3 # of Jackets: ☐ Single Jacket ☐ Dual Jacket
4 Number of Fibers: _____
5 Fiber Type & Attenuation: _____ Standard is G.657.A1 Bend Insensitive SMF with 0.35/0.35/0.25 dB/km attenuation at 1310/1383/1550 nm
6 Max. Span Length: (ft or m) _____
7 Installation Sag: ☐ 1.5% ☐ Other (Please Specify) _____
8 NESC Loading Condition: ☐ Light ☐ Medium ☐ Heavy
☐ Other (Define Ice & Wind Load) _____
9 Line Voltage: ☐ None ☐ Distribution Line
Transmission Line _____
Phase to Phase (kV) _____
Phase to Ground _____
10 Fiber Strain: ☐ Safe Strain ☐ Zero Strain

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