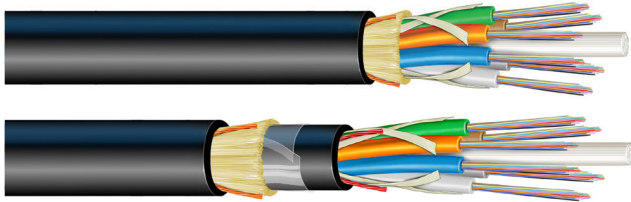


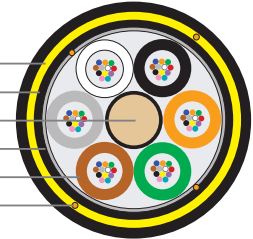


## ezSPAN® ADSS

All-dielectric self-supporting loose tube cable



- Aramid Strength Yarns
- Inner Jacket Polyethylene (optional)
- Central Strength Member
- Water Blocking Material
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Ripcord



*All-Dielectric Self-Support (ADSS) easy entry fiber cable for up to 1200' (365m) spans typical in distribution.*

### Overview

Prysmian's ezSPAN® ADSS provides reliable self-support performance for up to 1200 feet (365 meters). Each ezSPAN® ADSS cable is custom 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.

### Product Snapshot

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



### Features and Benefits

#### Easy Cable Entry and 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 and Termination

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

#### Versatile Installation and 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

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### 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

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

NESC Light Loading ezSPAN Single Jacket

6-30 Fibers (6 fibers per tube)

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 430	0.393	465	1.5	F-ADSS0465-06-HB-XXX	2872000C1E1	4450198S	-	4450098

12-60 Fibers (12 fibers per tube)

up to 328	0.398	415	1.5	F-ADSS0415-12-HB-XXX <sup>1</sup>	2872000C1E1	4450198S	-	4450098
-----------	-------	-----	-----	-----------------------------------	-------------	----------	---	---------

12-72 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 328	0.420	495	1.58	F-ADSS0495-12-HB-XXX	2872001C1E1	4450198S	-	4450098
up to 600	0.482	1025	1.5	F-ADES1025-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
700	0.482	1025	1.5	F-ADES1025-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
800	0.483	1075	1.5	F-ADES1075-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
900	0.486	1205	1.5	F-ADES1205-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
1000	0.489	1345	1.5	F-ADES1345-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
1100	0.491	1475	1.5	F-ADES1475-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
1200	0.494	1615	1.5	F-ADES1615-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100

84-96 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 600	0.567	1025	1.5	F-ADES1025-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
700	0.568	1115	1.5	F-ADES1115-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
800	0.571	1255	1.5	F-ADES1255-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
900	0.574	1435	1.5	F-ADES1435-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
1000	0.577	1615	1.5	F-ADES1615-12-HB-XXX	2872102C1E1	4450202S	4470202S	4450102
1100	0.580	1795	1.5	F-ADES1795-12-HB-XXX	2872103C1E1	4450202S	4470202S	4450102
1200	0.582	1925	1.5	F-ADES1925-12-HB-XXX	2872103C1E1	4450202S	4470202S	4450102

108-144 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 400	0.733	1025	1.5	F-ADES1025-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
500	0.734	1075	1.5	F-ADES1075-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
600	0.737	1295	1.5	F-ADES1295-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
700	0.740	1525	1.5	F-ADES1525-12-HB-XXX	2872107C1E1	4450204S	4470205S	4450104
800	0.742	1705	1.5	F-ADES1705-12-HB-XXX	2872107C1E1	4450204S	4470205S	4450104
900	0.745	1925	1.5	F-ADES1925-12-HB-XXX	2872107C1E1	4450204S	4470205S	4450104
1000	0.748	2155	1.5	F-ADES2125-12-HB-XXX	2872107C1E1	4450204S	4470205S	4450104

Prysmian Group

700 Industrial Drive | Lexington, SC 29072

+1-800-879-9862 | +1-800-669-0808 | website: [na.prysmiangroup.com/telecom](http://na.prysmiangroup.com/telecom)

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### NESC Medium Loading ezSPAN Single Jacket

#### 6-30 Fibers (6 fibers per tube)

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
280	0.393	465	1.5	F-ADSS0465-06-HB-XXX	287500TE	4450198S	-	4450098

#### 12-72 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 500	0.482	1025	1.5	F-ADES1025-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
600	0.484	1115	1.5	F-ADES1115-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
700	0.488	1295	1.5	F-ADES1295-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
800	0.492	1525	1.5	F-ADES1525-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100
900	0.496	1705	1.5	F-ADES1705-12-HB-XXX	2872100C1E1	4450200S	4470200S	4450100

#### 84-96 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 500	0.567	1025	1.5	F-ADES1025-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
600	0.571	1255	1.5	F-ADES1255-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
700	0.575	1475	1.5	F-ADES1475-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
800	0.578	1705	1.5	F-ADES1705-12-HB-XXX	2872103C1E1	4450202S	4470202S	4450102
900	0.582	1885	1.5	F-ADES1885-12-HB-XXX	2872103C1E1	4450202S	4470202S	4450102

#### 108-144 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 400	0.733	1025	1.5	F-ADES1025-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
500	0.737	1295	1.5	F-ADES1295-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
600	0.740	1565	1.5	F-ADES1565-12-HB-XXX	2872011C1E1	4450204S	4470205S	4450104
700	0.744	1835	1.5	F-ADES1835-12-HB-XXX	2872107C1E1	4450204S	4470205S	4450104
800	0.747	2105	1.5	F-ADES2105-12-HB-XXX	2872107C1E1	4450204S	4470205S	4450104
900	0.751	2375	1.5	F-ADES2375-12-HB-XXX	2872107C1E1	4450205S	4470205S	4450105

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### NESC Heavy Loading ezSPAN Single Jacket

6-30 Fibers (6 fibers per tube)

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
165	0.393	465	1.5	F-ADESS0465-06-HB-XXX	287500TE	4450198S	-	4450098

12-72 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 330	0.482	1025	1.5	F-ADES1025-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
350	0.483	1075	1.5	F-ADES1075-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
400	0.487	1255	1.5	F-ADES1255-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
450	0.490	1385	1.5	F-ADES1385-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
500	0.492	1525	1.5	F-ADES1525-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
550	0.496	1705	1.5	F-ADES1705-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
600	0.500	1885	1.5	F-ADES1885-12-HB-XXX	2872004C1E1	4450200S	4470200S	4450100
700	0.506	2195	1.5	F-ADES2195-12-HB-XXX	2872100C1E1	4450200S	4470201S	4450100

84-96 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 310	0.567	1025	1.5	F-ADES1025-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
350	0.569	1165	1.5	F-ADES1165-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
400	0.572	1345	1.5	F-ADES1345-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
450	0.575	1525	1.5	F-ADES1525-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
500	0.578	1705	1.5	F-ADES1705-12-HB-XXX	2872007C1E1	4450202S	4470202S	4450102
550	0.582	1885	1.5	F-ADES1885-12-HB-XXX	2872007C1E1	4450202S	4470202S	4450102
600	0.584	2015	1.5	F-ADES2015-12-HB-XXX	2872007C1E1	4450202S	4470202S	4450102
700	0.590	2375	1.5	F-ADES2375-12-HB-XXX	2872103C1E1	4450202S	4470202S	4450102

108-144 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 250	0.733	1025	1.5	F-ADES1025-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
300	0.736	1205	1.5	F-ADES1205-12-HB-XXX	2872010C1E1	4450204S	4470204S	4450104
350	0.738	1385	1.5	F-ADES1385-12-HB-XXX	2872010C1E1	4450204S	4470205S	4450104
400	0.741	1615	1.5	F-ADES1615-12-HB-XXX	2872011C1E1	4450204S	4470205S	4450104
450	0.743	1795	1.5	F-ADES1795-12-HB-XXX	2872011C1E1	4450204S	4470205S	4450104
500	0.746	1975	1.5	F-ADES1975-12-HB-XXX	2872011C1E1	4450204S	4470205S	4450104
550	0.748	2195	1.5	F-ADES2195-12-HB-XXX	2872011C1E1	4450204S	4470205S	4450104
600	0.751	2375	1.5	F-ADES2375-12-HB-XXX	2872011C1E1	4450205S	4470205S	4450105

**Prysmian Group**

700 Industrial Drive | Lexington, SC 29072

+1-800-879-9862 | +1-800-669-0808 | website: [na.prysmiangroup.com/telecom](http://na.prysmiangroup.com/telecom)

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### NESC Light Loading ezSPAN Double Jacket

#### 12-72 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 600	0.533	1031	1.5	F-ADED1031-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
700	0.534	1071	1.5	F-ADED1071-12-HB-XXX	2872101C1E1	4450201S	4470201S	4450101
800	0.537	1211	1.5	F-ADED1211-12-HB-XXX	2872101C1E1	4450201S	4470201S	4450101
900	0.540	1391	1.5	F-ADED1391-12-HB-XXX	2872101C1E1	4450201S	4470201S	4450101
1000	0.542	1521	1.5	F-ADED1521-12-HB-XXX	2872101C1E1	4450201S	4470201S	4450101
1100	0.546	1701	1.5	F-ADED1701-12-HB-XXX	2872102C1E1	4450201S	4470201S	4450101
1200	0.549	1881	1.5	F-ADED1881-12-HB-XXX	2872102C1E1	4450201S	4470201S	4450101
1300	0.552	2021	1.5	F-ADED2021-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
1400	0.555	2201	1.5	F-ADED2201-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
1500	0.558	2381	1.5	F-ADED2381-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
1600	0.561	2561	1.5	F-ADED2561-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101

#### 84-96 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 575	0.618	1031	1.5	F-ADED1031-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
600	0.619	1071	1.5	F-ADED1071-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
700	0.622	1251	1.5	F-ADED1251-12-HB-XXX	2872104C1E1	4450202S	4470202S	4450102
800	0.625	1431	1.5	F-ADED1431-12-HB-XXX	2872104C1E1	4450202S	4470202S	4450102
900	0.628	1661	1.5	F-ADED1661-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1000	0.631	1841	1.5	F-ADED1841-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1100	0.634	2021	1.5	F-ADED2021-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1200	0.636	2201	1.5	F-ADED2201-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1300	0.640	2421	1.5	F-ADED2421-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1400	0.643	2621	1.5	F-ADED2621-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103

#### 108-144 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 425	0.785	1031	1.5	F-ADED1031-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
500	0.787	1211	1.5	F-ADED1211-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
600	0.791	1481	1.5	F-ADED1481-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
700	0.793	1701	1.5	F-ADED1701-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105
800	0.796	1971	1.5	F-ADED1971-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105
900	0.799	2201	1.5	F-ADED2201-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105
1000	0.802	2471	1.5	F-ADED2471-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105
1100	0.806	2751	1.5	F-ADED2751-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105

#### Prysmian Group

700 Industrial Drive | Lexington, SC 29072

+1-800-879-9862 | +1-800-669-0808 | website: [na.prysmiangroup.com/telecom](http://na.prysmiangroup.com/telecom)

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### NESC Medium Loading ezSPAN Double Jacket

#### 12-72 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 500	0.533	1031	1.5	F-ADED1031-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
600	0.537	1211	1.5	F-ADED1211-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
700	0.541	1431	1.5	F-ADED1431-12-HB-XXX	2872101C1E1	4450201S	4470201S	4450101
800	0.545	1661	1.5	F-ADED1661-12-HB-XXX	2872102C1E1	4450201S	4470201S	4450101
900	0.549	1881	1.5	F-ADED1881-12-HB-XXX	2872102C1E1	4450201S	4470201S	4450101
1000	0.553	2111	1.5	F-ADED2111-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
1100	0.556	2291	1.5	F-ADED2291-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101

#### 84-96 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 450	0.618	1031	1.5	F-ADED1031-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
500	0.620	1161	1.5	F-ADED1161-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
600	0.624	1391	1.5	F-ADED1391-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
700	0.627	1611	1.5	F-ADED1611-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
800	0.631	1841	1.5	F-ADED1841-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
900	0.635	2111	1.5	F-ADED2111-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1000	0.638	2331	1.5	F-ADED2331-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
1100	0.643	2621	1.5	F-ADED2621-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103

#### 108-144 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 350	0.785	1031	1.5	F-ADED1031-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
400	0.787	1161	1.5	F-ADED1161-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
500	0.790	1431	1.5	F-ADED1431-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
600	0.794	1751	1.5	F-ADED1751-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
700	0.797	2021	1.5	F-ADED2021-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105
800	0.801	2331	1.5	F-ADED2331-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105
900	0.804	2621	1.5	F-ADED2621-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105

## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### NESC Heavy Loading ezSPAN Double Jacket

12-72 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 300	0.533	1031	1.5	F-ADED1031-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
350	0.536	1161	1.5	F-ADED1161-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
400	0.539	1341	1.5	F-ADED1341-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
450	0.542	1481	1.5	F-ADED1481-12-HB-XXX	2872005C1E1	4450201S	4470201S	4450101
500	0.545	1661	1.5	F-ADED1661-12-HB-XXX	2872006C1E1	4450201S	4470201S	4450101
550	0.548	1841	1.5	F-ADED1841-12-HB-XXX	2872006C1E1	4450201S	4470201S	4450101
600	0.552	2021	1.5	F-ADED2021-12-HB-XXX	2872006C1E1	4450201S	4470202S	4450101
650	0.555	2201	1.5	F-ADED2201-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
700	0.558	2381	1.5	F-ADED2381-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101
750	0.560	2511	1.5	F-ADED2511-12-HB-XXX	2872102C1E1	4450201S	4470202S	4450101

84-96 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 290	0.618	1031	1.5	F-ADED1031-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
300	0.619	1071	1.5	F-ADED1071-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
350	0.622	1251	1.5	F-ADED1251-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
400	0.625	1431	1.5	F-ADED1431-12-HB-XXX	2872008C1E1	4450202S	4470202S	4450102
450	0.627	1611	1.5	F-ADED1611-12-HB-XXX	2872008C1E1	4450203S	4470203S	4450103
500	0.631	1841	1.5	F-ADED1841-12-HB-XXX	2872008C1E1	4450203S	4470203S	4450103
550	0.634	2021	1.5	F-ADED2021-12-HB-XXX	2872008C1E1	4450203S	4470203S	4450103
600	0.636	2201	1.5	F-ADED2201-12-HB-XXX	2872008C1E1	4450203S	4470203S	4450103
650	0.639	2381	1.5	F-ADED2381-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103
700	0.642	2561	1.5	F-ADED2561-12-HB-XXX	2872104C1E1	4450203S	4470203S	4450103

108-144 Fibers

Span Distance (ft)	Cable Outside Diameter (in)	Maximum Rated Cable Load (MRCL) (lbs)	Initial Sag (%)	*Cable Part Numbers	PLP Attachment Hardware Part #			
					Dead End	AI Suspension w/o SSR (< 600 ft)	AI Suspension with SSR	AI Support Spans < 600 ft
up to 240	0.785	1031	1.5	F-ADED1031-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
250	0.786	1071	1.5	F-ADED1071-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
300	0.788	1301	1.5	F-ADED1301-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
350	0.791	1521	1.5	F-ADED1521-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
400	0.794	1751	1.5	F-ADED1751-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
450	0.796	1931	1.5	F-ADED1931-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
500	0.798	2157	1.5	F-ADED2157-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
550	0.801	2381	1.5	F-ADED2381-12-HB-XXX	2872012C1E1	4450205S	4470205S	4450105
600	0.804	2621	1.5	F-ADED2621-12-HB-XXX	2872108C1E1	4450205S	4470205S	4450105

### Prysmian Group

700 Industrial Drive | Lexington, SC 29072

+1-800-879-9862 | +1-800-669-0808 | website: [na.prysmiangroup.com/telecom](http://na.prysmiangroup.com/telecom)



## ezSPAN® ADSS

All-Dielectric Self-Supporting Loose Tube Cable

### ORDERING 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 & Grade: \_\_\_\_\_
- 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

## Ordering Guide

The Prysmian Group part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

**Example: ezSpan™ ADSS | single jacket (12 fibers/tube) with 144 single-mode fibers (printed in feet)**

<b>1</b> LENGTH MARKINGS	<b>2</b> PRODUCT FAMILY	<b>3</b> CONSTRUCTION	<b>4</b> LOAD RATING	<b>5</b> FIBER GROUPING	<b>6</b> FIBER TYPE	<b>7</b> FIBER COUNT	<b>8</b> FIBER GRADE
F	ADE	S	XXXX	12	HB	144	E3

### PART NUMBER CONSTRUCTION

#### 1 LENGTH MARKINGS

F = Feet or M = Meters

#### 2 PRODUCT FAMILY

ADE = ezSpan ADSS

ADS = Short Span ADSS

#### 3 CONSTRUCTION

S = Single Jacket

D = Double Jacket

#### 4 LOAD RATING

Max Rated Cable Load (lbs)

#### 5 FIBER GROUPING

12 = 12f per tube

### FIBER INFORMATION

#### 6 FIBER TYPE

##### SINGLE-MODE

HB = Single-Mode (ITU G.652 C & D) Low Water Peak

ES = Enhanced Single-Mode (ITU G.652 C & D)

CE = Corning™ SMF28e+ Single-Mode

B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)

B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)

TU = TeraLight™ Ultra Single-Mode (ITU G.655 & G.656)

LE = LEAF NZDSF (ITU G.655)

MULTIMODE	Wavelength (nm)	Bandwidth (MHz)	1 GbE Dist (m)	10 GbE Dist (m)
G6 = OM1 (62.5µm)	850/1300	200/500	300/550	33/___
G5 = OM2+ BIF (50µm)	850/1300	700/500	800	150/___
G3 = OM3 BIF (50µm)	850/1300	1500/500	1000	300/___
G4 = OM4 BIF (50µm)	850/1300	3500/500	1100	550/___

#### 7 FIBER COUNT

004 to 144 fibers

#### 8 FIBER GRADE

##### SINGLE-MODE

Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, ES, or CE
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, CE, B1, or B2
NA = 0.40/0.25	1310/1550	TeraLight™ Ultra Single-Mode
N1 = 0.25	1550	LEAF Single-Mode

##### MULTIMODE

Attenuation (dB/km)	Wavelength (nm)
M2 = 3.5/1.0	850/1300
M3 = 3.0/1.0	850/1300

Other cable constructions and fiber performance grades available on request.