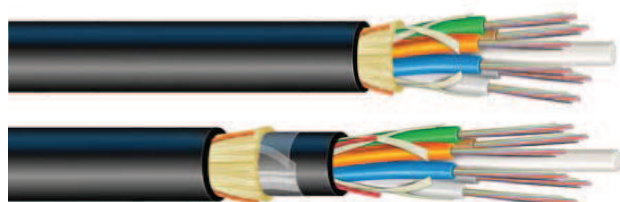


OUTSIDE PLANT

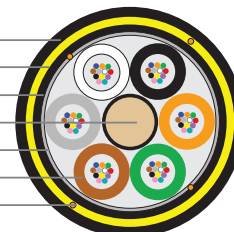
ADSS

ezSPAN® ADSS

All-dielectric self-supporting loose tube cable



- HDPE Outer Jacket
- 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 (305 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

Applications	Self-supporting aerial deployment for communications & power transmission
Constructions	All-dielectric round - typical span lengths up to 1,200' (365m), 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, ANSI / ICEA 640, IEC, RUS 7 CFR 1755 (RUS LISTED), Telecordia GR-20
Other Versions	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' (365m) 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

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

OUTSIDE PLANT

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-ADES0465-06-HB-XXX	2872000C1E1	4450198S	-	4450098

12-60 Fibers (12 fibers per tube)

up to 328	0.398	415	1.5	F-ADES0415-12-HB-XXX ¹	2872000C1E1	4450198S	-	4450098
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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-ADES0495-12-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

ezSPAN ADSS

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-ADES0465-06-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

OUTSIDE PLANT

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-ADES0465-06-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

ezSPAN ADSS

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

OUTSIDE PLANT

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

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	4470206S	4450105

OUTSIDE PLANT



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 in the example.

ezSPAN ADSS

ezSPAN® ADSS

All-dielectric self-supporting loose tube cable



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

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 CONSTRUCTION	4 LOAD RATING	5 FIBER GROUPING	6 FIBER TYPE	7 FIBER COUNT	8 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
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				
5 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)				
LA = NZDSF-LA Single-Mode (ITU G.655)				
LE = LEAF NZDSF (ITU G.655)				
MULTIMODE				
	Wavelength (nm)	Bandwidth (MHz)	1 CbE Dist (m)	10 CbE 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/___
6 FIBER COUNT				
004 to 144 fibers				
7 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	NZDSF-LA or 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.				