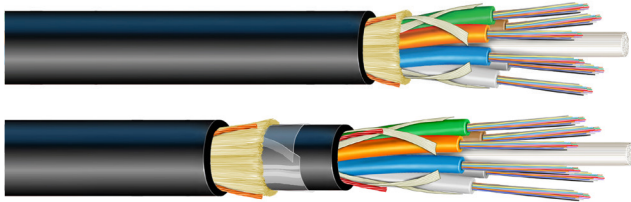


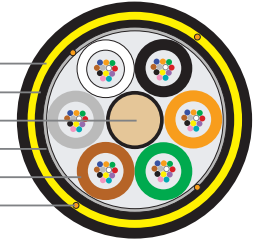


## ezSPAN® ADSS

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-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 <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-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                   |

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## 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                   |

## 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                   |

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## 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                   |

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## 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-AEDED1031-12-HB-XXX | 2872005C1E1                    | 4450201S                         | 4470201S               | 4450101                   |
| 350                | 0.536                       | 1161                                  | 1.5             | F-AEDED1161-12-HB-XXX | 2872005C1E1                    | 4450201S                         | 4470201S               | 4450101                   |
| 400                | 0.539                       | 1341                                  | 1.5             | F-AEDED1341-12-HB-XXX | 2872005C1E1                    | 4450201S                         | 4470201S               | 4450101                   |
| 450                | 0.542                       | 1481                                  | 1.5             | F-AEDED1481-12-HB-XXX | 2872005C1E1                    | 4450201S                         | 4470201S               | 4450101                   |
| 500                | 0.545                       | 1661                                  | 1.5             | F-AEDED1661-12-HB-XXX | 2872006C1E1                    | 4450201S                         | 4470201S               | 4450101                   |
| 550                | 0.548                       | 1841                                  | 1.5             | F-AEDED1841-12-HB-XXX | 2872006C1E1                    | 4450201S                         | 4470201S               | 4450101                   |
| 600                | 0.552                       | 2021                                  | 1.5             | F-AEDED2021-12-HB-XXX | 2872006C1E1                    | 4450201S                         | 4470202S               | 4450101                   |
| 650                | 0.555                       | 2201                                  | 1.5             | F-AEDED2201-12-HB-XXX | 2872102C1E1                    | 4450201S                         | 4470202S               | 4450101                   |
| 700                | 0.558                       | 2381                                  | 1.5             | F-AEDED2381-12-HB-XXX | 2872102C1E1                    | 4450201S                         | 4470202S               | 4450101                   |
| 750                | 0.560                       | 2511                                  | 1.5             | F-AEDED2511-12-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-AEDED1031-12-HB-XXX | 2872008C1E1                    | 4450202S                         | 4470202S               | 4450102                   |
| 300                | 0.619                       | 1071                                  | 1.5             | F-AEDED1071-12-HB-XXX | 2872008C1E1                    | 4450202S                         | 4470202S               | 4450102                   |
| 350                | 0.622                       | 1251                                  | 1.5             | F-AEDED1251-12-HB-XXX | 2872008C1E1                    | 4450202S                         | 4470202S               | 4450102                   |
| 400                | 0.625                       | 1431                                  | 1.5             | F-AEDED1431-12-HB-XXX | 2872008C1E1                    | 4450202S                         | 4470202S               | 4450102                   |
| 450                | 0.627                       | 1611                                  | 1.5             | F-AEDED1611-12-HB-XXX | 2872008C1E1                    | 4450203S                         | 4470203S               | 4450103                   |
| 500                | 0.631                       | 1841                                  | 1.5             | F-AEDED1841-12-HB-XXX | 2872008C1E1                    | 4450203S                         | 4470203S               | 4450103                   |
| 550                | 0.634                       | 2021                                  | 1.5             | F-AEDED2021-12-HB-XXX | 2872008C1E1                    | 4450203S                         | 4470203S               | 4450103                   |
| 600                | 0.636                       | 2201                                  | 1.5             | F-AEDED2201-12-HB-XXX | 2872008C1E1                    | 4450203S                         | 4470203S               | 4450103                   |
| 650                | 0.639                       | 2381                                  | 1.5             | F-AEDED2381-12-HB-XXX | 2872104C1E1                    | 4450203S                         | 4470203S               | 4450103                   |
| 700                | 0.642                       | 2561                                  | 1.5             | F-AEDED2561-12-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-AEDED1031-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 250                | 0.786                       | 1071                                  | 1.5             | F-AEDED1071-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 300                | 0.788                       | 1301                                  | 1.5             | F-AEDED1301-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 350                | 0.791                       | 1521                                  | 1.5             | F-AEDED1521-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 400                | 0.794                       | 1751                                  | 1.5             | F-AEDED1751-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 450                | 0.796                       | 1931                                  | 1.5             | F-AEDED1931-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 500                | 0.798                       | 2157                                  | 1.5             | F-AEDED2157-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 550                | 0.801                       | 2381                                  | 1.5             | F-AEDED2381-12-HB-XXX | 2872012C1E1                    | 4450205S                         | 4470205S               | 4450105                   |
| 600                | 0.804                       | 2621                                  | 1.5             | F-AEDED2621-12-HB-XXX | 2872108C1E1                    | 4450205S                         | 4470206S               | 4450105                   |

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## 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 |  |
|--------------------------|--|
| <b>1</b> LENGTH MARKINGS | F = Feet or M = Meters                 |
| <b>2</b> PRODUCT FAMILY  | ADE = ezSpan ADSS                      |
| <b>3</b> CONSTRUCTION    | S = Single Jacket<br>D = Double Jacket |
| <b>4</b> LOAD RATING     | Max Rated Cable Load (lbs)             |
| <b>5</b> FIBER GROUPING  | 12 = 12f per tube                      |

| FIBER INFORMATION  |                 |                              |                |                 |
|--|-----------------|------------------------------|----------------|-----------------|
| <b>5 FIBER TYPE</b>  |                 |                              |                |                 |
| 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-Insentive Single-Mode (ITU G.657.A1 & G.652.D)                     |                 |                              |                |                 |
| B2 = Bend-Insentive 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 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/___         |
| <b>6 FIBER COUNT</b>   |                 |                              |                |                 |
| 004 to 144 fibers  |                 |                              |                |                 |
| <b>7 FIBER GRADE</b>   |                 |                              |                |                 |
| 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. |                 |                              |                |                 |

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