

## Fiber Optic Cable Pre-Order Guide

Prysmian Group manufactures more than 100,000 varieties of fiber optic cable. We have prepared this guide to help you select the ideal cable for your application.

**1. How many fibers are needed in this cable?** Choose 1-864: \_\_\_\_\_

■ **Advice:** When above 12 fibers, order in units divisible by 12 (ex: 24, 36, 48)

**What type of fiber is required in this cable?** (Circle One)

- Enhanced Low Water Peak Single-mode G. 652.D
- Bend-Insensitive Fiber (BendBright) G.657.A1 & G.652.D
- BendBright-XS, G.657.B2 & A2, G.652.D
- BendBright-Elite, G.657.B3 & A2, G.652.D
- Non-Zero Dispersion Shifted Single-mode - Large area - (NZDS-LA), G.655
- Non-Zero Dispersion Shifted Single-mode - TeraLight® - (NZDS-TLU), G.655 & G.656
- 62.5 micron OM1 Multimode Fiber
- 50 micron OM2 Multimode Fiber (MaxCap-BB-OM2+)
- 50 micron OM3 10 GbE Multimode Fiber (MaxCap-BB-OM3)
- 50 micron OM4 10/40 GbE Multimode Fiber (MaxCap-BB-OM4)
- Ultra Low Loss (Long Distance)

**3. Total length of cable needed?** \_\_\_\_\_ meters or feet

■ **Advice:** Prysmian has a minimum order quantity of 1,640 feet for indoor cable and 3,280 feet for outdoor cable.

**4. Do you need the cable cut into specific lengths or packaged in a unique way?**

\_\_\_\_\_ please explain

■ **Advice:** Prysmian typically places cables on non-returnable wood reels.

■ **Advice:** Cables cut to lengths less than 3,280 feet (outdoor cable) or 1,640 feet (indoor cable) will experience a cut fee.

**5. Is this cable for indoor, outdoor or indoor-outdoor use?**

(Circle One)

- For Outdoor Cables (answer questions 5A - 5B)
- For Indoor Cables (answer questions 6A - 6C)
- For Indoor - Outdoor Cables (answer questions 7A - 7B)

### - OUTDOOR CABLES -

**5a: Select the cable construction you desire for this cable.**

(Circle One)

- Loose Tube with Gel Tubes
- Loose Tube with Gel-Free Tubes
- Central Tube Ribbon with Gel Filled Tubes (12 to 432 fibers)
- Central Tube Ribbon with Gel-Free Tubes (12 to 432 fibers)
- Ribbon in Loose Tube (>288 to 864 fibers)
- ADSS (All Dielectric Self-Support Cable)
- Figure 8 Cable
- Central Tube Cable (1-12 fibers only) 600 lb. strength
  - ◁ Gel Tubes
  - ◁ Gel-Free Tubes
- Central Tube Cable (1-12 fibers only) Gel Filled 300
  - ◁ with ripcord
  - ◁ without ripcord
  - ◁ Gel Tubes
  - ◁ Gel-Free Tubes
- Flat Drop Cable (1-12 fibers only)
- Flat Drop Cable Toneable (1-12 fibers only)

### Prysmian Group

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**5b: Select the jacket (sheath) configuration for this cable.**

(Circle One)

- Dielectric (non-armor)
- Single Armor - Single Jacket
- Single Armor- Double Jacket
- Double Armor - Triple Jacket
- Double Jacket - Aramid Yarns between Jackets
- Double Jacket - Fiberglass Yarns between Jackets

### - INDOOR CABLES -

**6a: Select the safety flame rating or special performance desired for this cable.**

(Circle One)

- General Purpose
- Riser Rated (FT4)
- Plenum Rated (FT6)
- Low-Smoke Zero-Halogen
- Chemical Resistant
- Mining Rated (MSHA)

**6b: Select the cable construction you desire for this cable.**

(Circle One)

- Simplex (1 fiber only)
- MDU (1 fiber only)
- Zipcord (2 fibers only)
- Tight Buffered Distribution
- Tight Buffered Breakout
- Flat Ribbon Interconnect (12 fibers only)
- Round Central Tube Ribbon Riser
- Data Center (12 to 72 fibers)

**6c: Do you desire the cable to be placed inside of interlock armor?**

(Circle One)

- Aluminum
- Steel
- none

### - INDOOR OUTDOOR CABLES -

**7a: Select the format of the fibers for this cable.**

(Circle One)

- Loose Tube with Gel Tubes
- Loose Tube with Gel-Free Tubes
- Tight Buffered

**7b: Select the safety flame rating or special performance desired for this cable.**

(Circle One)

- Riser Rated (FT4)
- Plenum Rated (FT6)
- Low-Smoke Zero-Halogen

### - TOOLS -

**8: Do you need tools to help install, open or splice your fiber cable?**

(Circle One)

- Loose Tube Tool
- Central Tube Ribbon Tool
- Jacket Sheath Cutting Tool