

# ORDERING GUIDE – INDOOR



The Prysmian 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:** ezDISTRIBUTION, tight buffer, interlock armor riser rated with 12 single-mode fibers 0.70/0.70/0.70 dB/Km @ 1310/1383/1550 (printed in feet)

| 1 | LENGTH MARKINGS | 2 | PRODUCT FAMILY | 3 | CONSTRUCTION | 4 | FIBER GROUPING | 5 | FIBER TYPE | 6 | FIBER COUNT | 7 | FIBER GRADE |
|---|-----------------|---|----------------|---|--------------|---|----------------|---|------------|---|-------------|---|-------------|
|   | F               |   | 400            |   | AJ           |   | 00             |   | HB         |   | 012         |   | EB          |

| PART NUMBER CONSTRUCTION              |                 |
|---------------------------------------|-----------------|
| 1                                     | LENGTH MARKINGS |
| F = Feet or M = Meters                |                 |
| 2                                     | PRODUCT FAMILY  |
| REFER to INDOOR/OUTDOOR PRUDUCT TABLE |                 |
| 3                                     | CONSTRUCTION    |
| INTERLOCK ARMOR (Optional)            |                 |
| (Blank) = None                        |                 |
| AJ = Jacketed Aluminum                |                 |
| SJ = Jacketed Steel                   |                 |
| 4                                     | FIBER GROUPING  |
| 00 = No grouping                      |                 |
| 01 = 1f per unit or tube              |                 |
| 06 = 6f per unit or tube              |                 |
| 08 = 8f per unit or tube              |                 |
| 12 = 12f per unit, tube, or ribbon    |                 |

| 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)                       |                                                                               |
| 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) |                                                                               |
| 21 = 200µm Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)  |                                                                               |
| 22 = 200um Bend-Insensitive Single-Mode (ITU G.657.A2 & G.652.D)  |                                                                               |
| 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+ B1F (50µm)                                              | 850/1300      700/500      800      150/___                                   |
| G3 = OM3 B1F (50µm)                                               | 850/1300      1500/500      1000      300/___                                 |
| G4 = OM4 B1F (50µm)                                               | 850/1300      3500/500      1100      550/___                                 |
| GW = OM5 (50um)                                                   | 850/1300      3500/500      1100      550/___                                 |
| 6                                                                 | FIBER COUNT                                                                   |
| 002 to 1728 fibers                                                |                                                                               |

| 7 FIBER GRADE                      |                 |                      |                     |                 |                     |
|------------------------------------|-----------------|----------------------|---------------------|-----------------|---------------------|
| SINGLE-MODE   Tight Buffer (TB)    |                 |                      | MULTIMODE           |                 |                     |
| Attenuation (dB/km)                | Wavelength (nm) | Fiber Type           | Attenuation (dB/km) | Wavelength (nm) | Type                |
| EA = 0.50/0.50/0.50                | 1310/1383/1550  | HB, ES, CE, B1 or B2 | M2 = 3.5/1.0        | 850/1300        | OM1                 |
| EB = 0.70/0.70/0.70                | 1310/1383/1550  | HB, ES, CE, B1 or B2 | M3 = 3.0/1.0        | 850/1300        | OM2+, OM3, OM4, OM5 |
| E7 = 0.40/0.40/0.30                | 1310/1383/1550  | HB, ES, CE, B1 or B2 |                     |                 |                     |
| SINGLE-MODE   Ribbon & Loose Fiber |                 |                      |                     |                 |                     |
| Attenuation (dB/km)                | Wavelength (nm) | Fiber Type           |                     |                 |                     |
| E1 = 0.40/0.40/0.30                | 1310/1383/1550  | HB, ES, CE, B1 or B2 |                     |                 |                     |
| E3 = 0.35/0.35/0.25                | 1310/1383/1550  | HB, ES, CE, B1 or B2 |                     |                 |                     |



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| 2 PRODUCT FAMILY                                |           |                                                  |           |              |
|-------------------------------------------------|-----------|--------------------------------------------------|-----------|--------------|
| 900 MICRON TIGHT BUFFER                         |           |                                                  | Interlock | Flame Rating |
| <b>GenSPEED Interconnect</b>                    |           |                                                  |           |              |
| 900                                             | 1f        | 900 Micron Diameter - PVC                        | No        | N/A          |
| 900F                                            | 1f        | 900 Micron Diameter - PVDF                       | No        | N/A          |
| 900H                                            | 1f        | 900 Micron Diameter - Polyester Elastomer        | No        | N/A          |
| 900Z                                            | 1f        | 900 Micron Diameter - LSZH                       | No        | N/A          |
| <b>GenSPEED Interconnect Simplex and Duplex</b> |           |                                                  |           |              |
| 516                                             | 1f        | GenSPEED Interconnect Riser Simplex (1.6mm)      | N/A       | OFNR/FT4     |
| 520                                             | 1f        | GenSPEED Interconnect Riser Simplex (2.0mm)      | N/A       | OFNR/FT4     |
| 529                                             | 1f        | GenSPEED Interconnect Riser Simplex (2.9mm)      | N/A       | OFNR/FT4     |
| 516Z                                            | 2f        | GenSPEED Interconnect Riser Zipcord (1.6mm)      | N/A       | OFNR/FT4     |
| 520Z                                            | 2f        | GenSPEED Interconnect Riser Zipcord (2.0mm)      | N/A       | OFNR/FT4     |
| 529Z                                            | 2f        | GenSPEED Interconnect Riser Zipcord (2.9mm)      | N/A       | OFNR/FT4     |
| 529R                                            | 2f        | GenSPEED Interconnect Riser Round (2.9mm)        | N/A       | OFNR/FT4     |
| 548R                                            | 2 to 4f   | GenSPEED Interconnect Riser Round (1.6mm)        | N/A       | OFNR/FT4     |
| 816                                             | 1f        | GenSPEED Interconnect Plenum Simplex (1.6mm)     | N/A       | OFNP/FT6     |
| 820                                             | 1f        | GenSPEED Interconnect Plenum Simplex (2.0mm)     | N/A       | OFNP/FT6     |
| 829                                             | 1f        | GenSPEED Interconnect Plenum Simplex (2.9mm)     | N/A       | OFNP/FT6     |
| 816Z                                            | 2f        | GenSPEED Interconnect Plenum Zipcord (1.6mm)     | N/A       | OFNP/FT6     |
| 820Z                                            | 2f        | GenSPEED Interconnect Plenum Zipcord (2.0mm)     | N/A       | OFNP/FT6     |
| 829Z                                            | 2f        | GenSPEED Interconnect Plenum Zipcord (2.9mm)     | N/A       | OFNP/FT6     |
| 829R                                            | 2f        | GenSPEED Interconnect Plenum Round (2.9mm)       | N/A       | OFNP/FT6     |
| 848R                                            | 2 to 4f   | GenSPEED Interconnect Plenum Round (4.8mm)       | N/A       | OFNP/FT6     |
| LSZH16                                          | 1f        | GenSPEED Interconnect LSZH Riser Simplex (1.6mm) | N/A       | OFNR/FT4     |
| LSZH20                                          | 1f        | GenSPEED Interconnect LSZH Riser Simplex (2.0mm) | N/A       | OFNR/FT4     |
| LSZH29                                          | 1f        | GenSPEED Interconnect LSZH Riser Simplex (2.9mm) | N/A       | OFNR/FT4     |
| LSZH16Z                                         | 2f        | GenSPEED Interconnect LSZH Riser Zipcord (1.6mm) | N/A       | OFNR/FT4     |
| LSZH20Z                                         | 2f        | GenSPEED Interconnect LSZH Riser Zipcord (2.0mm) | N/A       | OFNR/FT4     |
| LSZH29Z                                         | 2f        | GenSPEED Interconnect LSZH Riser Zipcord (2.9mm) | N/A       | OFNR/FT4     |
| LSZH20R                                         | 2f        | GenSPEED Interconnect LSZH Riser Round (2.9mm)   | N/A       | OFNR/FT4     |
| <b>GenSPEED Tight Buffer Distribution</b>       |           |                                                  |           |              |
| 400                                             | 2 to 144f | ezDISTRIBUTION™ Riser                            | Yes       | OFNR/FT4     |
| 800                                             | 2 to 144f | ezDISTRIBUTION™ Plenum                           | Yes       | OFNP/FT6     |
| 600                                             | 2 to 144f | ezDISTRIBUTION™ Riser LSZH                       | No        | OFNR-LS/FT4  |
| <b>GenSPEED Breakout</b>                        |           |                                                  |           |              |
| 516                                             | 2 to 12f  | ezBREAKOUT™ XS™ Riser (1.6mm subunits)           | No        | OFNR/FT4     |
| 525                                             | 2 to 24f  | ezBREAKOUT™ Riser (2.5mm subunits)               | Yes       | OFNR/FT4     |
| 825                                             | 2 to 24f  | ezBREAKOUT™ Plenum (2.5mm subunits)              | Yes       | OFNP/FT6     |
| LSZH25                                          | 2 to 24f  | ezBREAKOUT™ Riser (2.5mm subunits)               | Yes       | OFNR/FT4     |

Note: See the data sheet since a different part number configuration is used.



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## 2 PRODUCT FAMILY

| RIBBON PRODUCTS                             |              |                                                               | Interlock | Flame Rating |
|---------------------------------------------|--------------|---------------------------------------------------------------|-----------|--------------|
| <b>GenSPEED Ribbon &amp; COLink™ Ribbon</b> |              |                                                               |           |              |
| RFC20                                       | 16f          | FlexCord Jumper Plenum FlexRibbon                             | No        | OFNP/FT6     |
| RFCDJ                                       | 24f          | FlexCord Double Jacket Jumper Plenum FlexRibbon               | No        | OFNP/FT6     |
| RPCDK                                       | 12 to 144f   | COLink™ RCLT Plenum Ribbon Distribution                       | No        | OFNP/FT6     |
| RRC DK                                      | 12 to 432f   | COLink™ RCLT Riser Ribbon Distribution                        | Yes       | OFNR/FT4     |
| RRCFK                                       | 288 to 432f  | FusionLink RICT Indoor Riser FlexRibbon 200µm                 | Yes       | OFNR/FT4     |
| RRCFKMD                                     | 288f         | FlexMicro RICT Indoor Riser Flexribbon 200µm                  | Yes       | OFNR/FT4     |
| RRICDK                                      | 12 to 432f   | GenSPEED COLink RICT Riser Ribbon Distribution                | Yes       | OFNR/FT4     |
| RRIOLFK                                     | 864 to 1728f | MassLink Multi-Tube Indoor Riser FlexRibbon Sleeve Coil 250µm | Yes       | OFNR/FT4     |
| RRLDK                                       | 144 to 576f  | COLink™ Multi-Tube Ribbon Riser Distribution                  | Yes       | OFNR/FT4     |
| RRLFK                                       | 576 to 1728f | MassLINK Multi-Tube Riser FlexRibbon                          | Yes       | OFNR/FT4     |
| RRZLFK                                      | 864 / 1728f  | MassLINK Multi-Tube Indoor LSZH FlexRibbon Sleeve Coil 200µm  | Yes       | OFNG-LS/FT4  |
| RRZLFWK                                     | 864 / 1728f  | MassLINK Multi-Tube Indoor LSZH FlexRibbon Tube Coil 200µm    | Yes       | OFNG-LS/FT4  |
| RZLFK                                       | 864 to 1728f | MassLINK Multi-Tube LSZH FlexRibbon                           | Yes       | OFNG-LS/FT4  |
| MICRO FIBER CABLE                           |              |                                                               | Interlock | Flame Rating |
| <b>Micro Fiber (MFC)</b>                    |              |                                                               |           |              |
| MFC14                                       | 12 to 48f    | 1.4mm unit MFC Plenum Micro Fiber Round                       | No        | OFNP/FT6     |
| MFCL14                                      | 12 to 48f    | 1.4mm unit MFC Riser-LSZH Micro Fiber Round                   | No        | OFNR/FT4/CPR |
| MFC16                                       | 2 to 3f      | 1.6mm unit MFC Plenum Micro Fiber Round                       | No        | OFNP/FT6     |
| MFC20                                       | 8 to 216f    | 2mm unit MFC Plenum Micro Fiber Round                         | Yes       | OFNP/FT6     |
| MFC24                                       | 16 to 144f   | 2.4mm unit MFC Plenum Micro Fiber Round 16F Subunits          | No        | OFNP/FT6     |
| MFC30                                       | 8 to 24f     | 3mm MFC Plenum Micro Fiber round                              | Yes       | OFNP/FT6     |
| MFC                                         | 8 to 72f     | 3mm unit MFC Plenum Micro Fiber Round                         | Yes       | OFNP/FT6     |
| MFCDJ                                       | 8 to 12f     | 3mm unit Double Jacket MFC Plenum Micro Fiber Round           | No        | OFNP/FT6     |
| MFCL                                        | 8 to 24f     | 3mm unit MFC Riser-LSZH Micro Fiber Round                     | No        | OFNR/FT4/CPR |
| MFCZ                                        | 16 to 24f    | 3mm unit MFC Plenum Zipcord Micro Fiber Round                 | No        | OFNP/FT6     |
| MFC36                                       | 16 to 24f    | 3.6mm MFC Plenum Micro Fiber Round                            | No        | OFNP/FT6     |
| MFCL36                                      | 16 to 24f    | 3.6mm MFC Riser-LSZH Micro Fiber Round                        | No        | OFNR/FT4/CPR |

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