

## Ruggedized MDU Drop Cable

### Description:

The Go!Foton Ruggedized MDU Drop Cable is designed for the rigorous performance needs of today's FTTH (Fiber-to-the-Home) applications. These cables incorporate the latest bend-insensitive fiber that enables worry-free installation around tight bending locations. The Ruggedized MDU Drop cable itself is designed for installation using T-25 staplers. The MDU Drop Cable comes with Telcordia GR and Verizon TPR certified SC/APC connectors that provide the high-performance return loss required for FTTx signals. The optical fiber utilized surpasses the G.657.B3 technical standards to ensure the reliability of ultra-high-speed internet and business services. Assemblies are tested and qualified to Telcordia & Verizon standard and meet all EIA.TIA 4 55-3 (FOCIS 3) interface standards for SC/APC connectors.

### Specifications:

| PARAMETER                         | SPECIFICATION                                       |
|-----------------------------------|---|
| Fiber Type                        | ITU-T G657B3 (Singlemode)                           |
| Construction Configuration        | Indoor & Indoor/Outdoor                             |
| Flame Rating                      | OFNR  |
| Nominal OD                        | 2.9mm and 4.8mm                                     |
| Nominal Weight                    | 6.5 kg/km (Ø2.9mm)<br>21.5 kg/km (Ø4.8mm)           |
| Tensile Strength                  | 500N (Short-term)<br>250N (Long-term)               |
| Crush Resistance                  | 500N/100mm (Installation)<br>100N/100mm (Operation) |
| Temperature Range                 | -40 to +70°C  |
| Maximum Attenuation / Wavelengths | ≤ 0.35 dB/km @ 1310 nm<br>≤ 0.21 dB/km @ 1550 nm    |
| Insertion Loss                    | SM (UPC): ≤0.20dB<br>SM (APC): ≤0.30dB              |
| Return Loss                       | SM (UPC): ≥55dB<br>SM (APC): ≥65dB                  |



### Features

- Pre-terminated solution for reduced installation time
- Drop Cables utilizing reduced bend radius fiber
- 2.9mm & 4.8mm ruggedized indoor and indoor/outdoor options
- Both Black and Beige (Neutral) cable colors available
- Telcordia GR-326-CORE and Verizon TPR-9409 Compliant

### Applications

- Multi-Dwelling Unit (MDU) drop cables for FTTH systems.
- CATV Video systems and Optical LAN Networks



Ruggedized MDU Drop Cable (Neutral color)



## Ordering Guide:

| PART NUMBER                        | PRODUCT DESCRIPTION                            |
|------------------------------------|--|
| <b>2.9MM CABLE DIAMETER CABLES</b> |  |
| JFF4F5AF003VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 3FT   |
| JFF4F5AF006VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 6FT   |
| JFF4F5AF009VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 9FT   |
| JFF4F5AF012VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 12FT  |
| JFF4F5AF021VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 21FT  |
| JFF4F5AF050VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 50FT  |
| JFF4F5AF100VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 100FT |
| JFF4F5AF150VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 150FT |
| JFF4F5AF200VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 200FT |
| JFF4F5AF250VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 250FT |
| JFF4F5AF300VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 300FT |
| JFF4F5AF350VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 350FT |
| JFF4F5AF400VRZ261                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 2.9MM 400FT |
| JFF4F8AF050VRZ262                  | JUMPER 1F SCA-SCA B3 I/O NEUTRAL 2.9MM 50FT    |
| JFF4F8AF100VRZ262                  | JUMPER 1F SCA-SCA B3 I/O NEUTRAL 2.9MM 100FT   |
| JFF4F8AF150VRZ262                  | JUMPER 1F SCA-SCA B3 I/O NEUTRAL 2.9MM 150FT   |
| JFF4F8AF200VRZ262                  | JUMPER 1F SCA-SCA B3 I/O NEUTRAL 2.9MM 200FT   |
| JFF4F8AF250VRZ262                  | JUMPER 1F SCA-SCA B3 I/O NEUTRAL 2.9MM 250FT   |
| JFF4F8AF300VRZ262                  | JUMPER 1F SCA-SCA B3 I/O NEUTRAL 2.9MM 300FT   |
| JFF4F8AF050VRZ263                  | JUMPER 1F SCA-SCA B3 I/O BLACK 2.9MM 50FT      |
| JFF4F8AF100VRZ263                  | JUMPER 1F SCA-SCA B3 I/O BLACK 2.9MM 100FT     |
| JFF4F8AF150VRZ263                  | JUMPER 1F SCA-SCA B3 I/O BLACK 2.9MM 150FT     |
| JFF4F8AF200VRZ263                  | JUMPER 1F SCA-SCA B3 I/O BLACK 2.9MM 200FT     |
| JFF4F8AF250VRZ263                  | JUMPER 1F SCA-SCA B3 I/O BLACK 2.9MM 250FT     |
| JFF4F8AF300VRZ263                  | JUMPER 1F SCA-SCA B3 I/O BLACK 2.9MM 300FT     |
| <b>4.8MM DIAMETER CABLES</b>       |  |
| JFF4H8AF050VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 50FT      |
| JFF4H8AF100VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 100FT     |
| JFF4H8AF150VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 150FT     |
| JFF4H8AF200VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 200FT     |
| JFF4H8AF250VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 250FT     |
| JFF4H8AF300VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 300FT     |
| JFF4H8AF350VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 350FT     |
| JFF4H8AF400VRZ264                  | JUMPER 1F SCA-SCA B3 I/O BLACK 4.8MM 400FT     |
| JFF4H5AF050VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 50FT  |
| JFF4H5AF100VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 100FT |
| JFF4H5AF150VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 150FT |
| JFF4H5AF200VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 200FT |
| JFF4H5AF250VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 250FT |
| JFF4H5AF300VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 300FT |
| JFF4H5AF350VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 350FT |
| JFF4H5AF400VRZ265                  | JUMPER 1F SCA-SCA B3 RISER NEUTRAL 4.8MM 400FT |

