

BendSafe Rugged Drop Cable

Issue Date : 2009/08

Description

POFC's BendSafe Rugged Drop Cable feature GGPR15XP fiber, which was based on applying 3M's patented GGP coating technology on bend-insensitive R15 fiber. This cable is several hundred times more bendable and durable than standard single mode optical fiber cable.

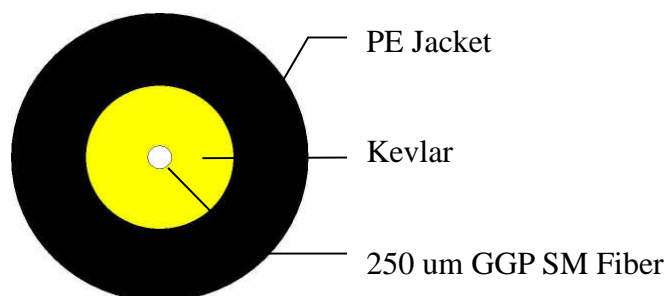


Features

- Small Bend Breakage time was several hundred times improved.
- Light Weight, Soft Touch, and Robust Construction.
- Wideband Optical Window Fully Compliant to ITU-T G.652D
- Low Macrobending Loss Compliant to ITU-T G.657 Single Mode Fiber

Applications

- Multiple Dwelling Unit(MDU) Outdoor Deployment
- Fiber Broadband Building Vertical/Horizontal Cabling.
- FTTH Indoor Cable Installations



Specifications

| Item | Specified Values | |
|-------------------------------|---|-------------|
| Optical Fiber | GGPR15XP Single Mode Fiber ITU-T G.657 | |
| Fiber Fatigue Value | n-Value > 30 | |
| Counts | 1C~2C | |
| Fiber Color | Blue & Yellow | |
| Pull Strength | 670 N (150 lbf) | |
| Lateral Pressure | 100 kgf/100 mm | |
| Cable Diameter | 3.0 (+0/ -0.1) mm | |
| Jacket Material / Color | OFNR PE / Black | |
| Jacket Thickness | 0.75 ± 0.05 mm | |
| 1550nm Optical Loss @ R=10 mm | < 0.1 dB | |
| Operation/Storage Temperature | - 40°C to + 85°C | |
| Optical Characteristics | | |
| Wavelength | 1310 nm | 1550 nm |
| Attenuation Loss | ≤ 0.40 dB/km | ≤ 0.3 dB/km |

Order Information

| Part Number | Spec / Description |
|---------------|---|
| CB03XSOE201BK | Rugged Drop Cable: GGPR15XP-3.0mm-OFNR-PE-1C-Black |
| CB03XSOE202BK | Rugged Drop Cable: GGPR15XP-3.0mm-OFNR-PE-2C-Black |

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