

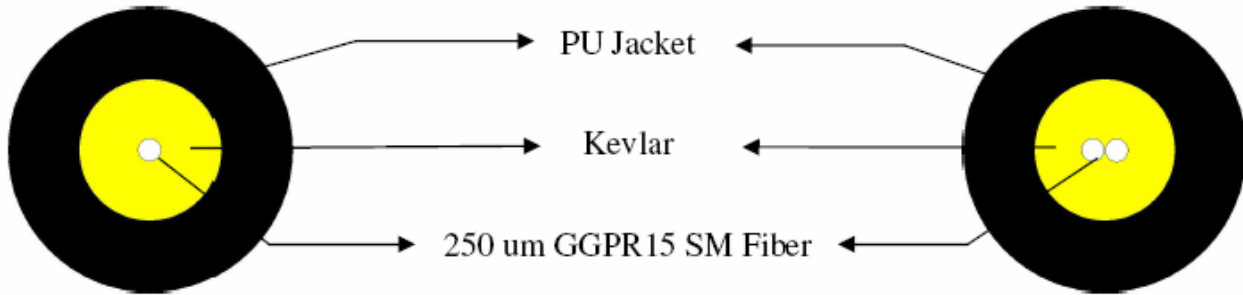
BendSafe™ Rugged Drop Cable

Product Information

2007/10v1.0

Product Name: CBGPR15HA

Structures



Description

POFC's BendSafe™ Rugged Drop Cable feature GGPR15 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

- ◆ Using High Bending Strength GGPR15 Fiber. This Cable's Small Bend Breakage time is several hundred times longer than that of all standard fiber cable.
- ◆ 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 Class A Single Mode Fiber

APPLICATIONS

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

SPECIFICATIONS

Item		Specified Values			
Optical Fiber		250 μm GGPR15 Single Mode Fiber			
Counts		1 ~ 2			
Pull Strength		450 N (100 lbf)			
Lateral Pressure		100 kgf/100 mm			
Cable Diameter		3.0 (+0/ -0.1) mm			
Jacket Material / Color		PU / Black			
Jacket Thickness		0.75 ± 0.05 mm			
1550nm Optical Loss @ R=10 mm		< 0.1 dB			
Operation/Storage Temperature		- 40°C to + 70°C			
Optical Characteristics					
Wavelength	1260 nm	1310 nm	1380 nm ±3 nm	1550 nm	1625 nm
Attenuation	≤ 0.45 dB/km	≤ 0.40 dB/km	≤ 0.35 dB/km	≤ 0.25 dB/km	≤ 0.35 dB/km

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