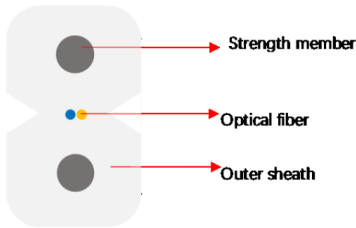




FOGT-01x02SA1-F04

Fiber Optic Indoor Drop Cable, 2 Fiber, Single Mode, Eca

Fiber only, figure-8 aerial drop cable, 2 fiber, single mode with steel strength members, gel free, water blocking, LSZH, indoor cable. CPR rated Eca, Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Conventional" RoF solution.



Feature / Benefits

- Low-bend-sensitivity, Single Mode optical fiber provides ensuring future proof connectivity for RoF (and other) high bandwidth, multi wavelength applications
- Two parallel steel wire strength members ensure good performance of crush resistance to protect the fiber
- Novel flute design, easily strip and splice, simplify the installation and maintenance
- High quality raw material guarantees the long service life of cable
- Flame retardant, LSZH materials for use inside buildings

Technical features

STRUCTURE

Cable Type	Fiber optic cable
Number of Fiber	2
Fire Performance	Flame Retardant, meeting IEC60332-1-2, CPR class Eca
Jacket Material	LSZH Black, CPR class Eca, Temp Cycling: IEC 60794-1-22-F1, Torsion: IEC 60794-1-21-E7

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	3mm (0.118in)
Cable Weight	0.01kg/m (0.007lb/ft)
UV-Protection Individual and External Jacket	Yes for External Jacket Only

OPTICAL SPECIFICATIONS

Fiber Type	G657-A1 Single Mode, Bend Tolerant
Optical Fiber Color	Red/Green
Core/Clad	9 μm / 125 μm
Secondary Protection Nominal	240μm (0.009in)
Fiber Attenuation	Max: ≤ 0.37dB/km@λ=1310nm & ≤0.24dB/km λ =1550nm dB/km
Zero Dispersion Slope	≤0.092 ps/km•nm ²
Dispersion (1285 - 1340 nm)	-3.5 ~ 3.5ps/(nm•km)
Mode Field Diameter (@ 1310 nm)	8.8
Cutoff wavelength cable	≤1260 nm

ENVIRONMENTAL

Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operation Temperature	-30°C to 70°C (-22°F to 158°F)
Installation Temperature	-10°C to 60°C (14°F to 140°F)



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Related Documents



Power and Fiber: Our Unique Advantages
Value Propositions