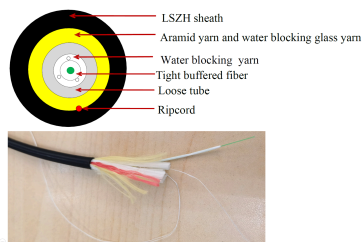


**FOGT-01x01SA2-F00**

Indoor / Outdoor Fiber Optic Drop (dry) Cable, Simplex, Singlemode, LSZH - CPR



Indoor / Outdoor fiber only round drop cable, simplex singlemode, gel free, water blocking, LSZH, CPR fire rated Eca - IEC 60332-1-2 complaint cable with integrated rip cord. Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Conventional" RoF solution.

Feature / Benefits

- Incorporates simplex, single mode optical fiber ensuring future proof connectivity for RoF (and other) high bandwidth, multi wavelength applications
- Tight buffer fibers are housed in high-modulus plastic and with water-blocking yarn around
- Aramid and water blocking glass-fiber yarns are applied as strength member
- High quality raw material guarantees the long service life of cable
- Flame retardant, LSZH CPR rated materials for use inside buildings

Fiber Optical, Glas Armor, Tighten Buffer, 01 *01 Fiber, Single Mode, A2 optical, Flame Retardant Jacket, 00(Standard)

Technical features**STRUCTURE**

Cable Type	Fiber optic cable
Number of Fiber	1
Fire Performance	Flame Retardant CPR fire rated Eca - IEC 60332-1-2
Jacket Material	LSZH Black CPR fire rated Eca - IEC 60332-1-2

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	5.05mm (0.199in)
Cable Weight	0.03kg/m (0.02lb/ft)
UV-Protection Individual and External Jacket	Yes for External Jacket Only

OPTICAL SPECIFICATIONS

Fiber Type	G657-A2 Single Mode, Bend Tolerant
Optical Fiber Color	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	-25°C to 65°C (-13°F to 149°F)
Installation Temperature	-5°C to 60°C (23°F to 140°F)



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Related Documents



Power and Fiber: Our Unique Advantages
Value Propositions