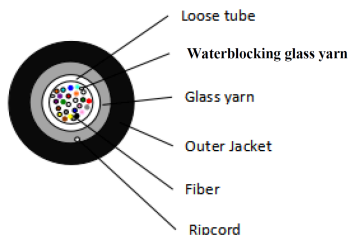


**FOGT-01x12SA2-F00**

HYBRIFLEX® Fiber Optic Drop Cable, 12 Fiber Single Mode, LSZH, Indoor

HYBRIFLEX fiber only round drop cable, multi-fiber single mode, gel free, water blocking, LSZH, indoor cable with integrated rip cord. Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Conventional" RoF solution.

**Feature / Benefits**

- Incorporates multiple, single mode optical fibers ensuring future proof connectivity for RoF (and other) high bandwidth, multi wavelength applications
- Fibers 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 materials for use inside buildings
- Integrated rip cord

Technical features**STRUCTURE**

Cable Type	Fiber optic cable
Number of Fiber	12
Optical Fiber Color	Red/Green/Blue/Yellow/Grey/Violet/Brown/Orange/White/Pink/Black/Aqua

MECHANICAL SPECIFICATIONS

Outer Diameter Nominal	8.5mm (0.33in)
Cable Weight	0.085kg/m (0.057lb/ft)

CABLE JACKET

Jacket Material	LSZH Black
UV-Protection Individual and External Jacket	Yes for External Jacket Only

F/O CABLE SPECIFICATIONS

F/O Cable Type	G657-A2 Single Mode, Bend Tolerant
Core/Clad	9 /125
Secondary Protection Nominal	240µm (0.009in)
Single Bending Radius	10mm (0.394in)
F/O Standards (Meets or Exceeds)	ITU-T G657A2; RoHS Compliant
Fiber Attenuation	Max: $\leq 0.37\text{dB/km}@ \lambda=1310\text{nm}$ & $\leq 0.24\text{dB/km}$ $\lambda=1550\text{nm}$ dB/km
Zero Dispersion Slope	$\leq 0.092 \text{ ps/km} \cdot \text{nm}^2$
Dispersion (1285 - 1340 nm)	-3.5 ~ 3.5ps/(nm·km)
Mode Field Diameter (@ 1310 nm)	8.8
Cutoff wavelength cable	$\leq 1260 \text{ nm}$

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	-5°C to 60°C (23°F to 140°F)



FOGT-01x12SA2-F00

HYBRIFLEX® Fiber Optic Drop Cable, 12 Fiber Single Mode, LSZH, Indoor

TESTING

LSZH Specification	IEC 60332-1
Fire Performance	Flame Retardant

NOTES

When more than 12 fibers, fibers 13-24 will follow same color scheme and additionally be marked with a black tracer.

Related Documents



Power and Fiber: Our Unique Advantages
Value Propositions