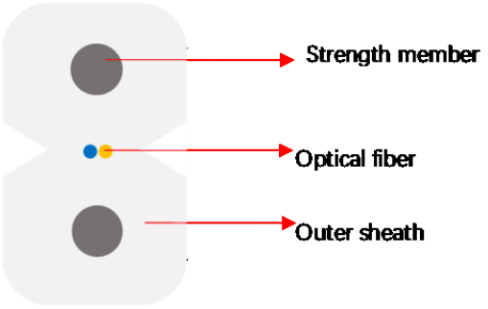
PRODUCT DATASHEET

FOGT-01x02SA1-F04

HYBRIFLEX® Fiber Optic Drop Cable, 2 Fiber, Single Mode, LSZH, Indoor

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



FEATURES / 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
Fire Performance		Flame Retardant
Optical Fiber Color		Red/Green
Number of Fiber		2

MECHANICAL SPECIFICATIONS

Cable Weight	kg/m (lb/ft)	0.01 (0.007)

CABLE JACKET

UV-Protection Individual and External Jacket		Yes for External Jacket Only
Jacket Material		LSZH Black
Outer Diameter Nominal	mm (in)	3 (0.118)

F/O CABLE SPECIFICATIONS

F/O Cable Type		G657-A1 Single Mode, Bend Tolerant
Core/Clad	µm	9 /125
Secondary Protection Nominal	µm (in)	240 (0.009)
Single Bending Radius	mm (in)	10 (0.394)
F/O Standards (Meets or Exceeds)		ITU-T G657A1; RoHS Compliant
Fiber Attenuation		Max: ≤ 0.37dB/km@λ=1310nm & ≤0.24dB/km λ =1550nm
Zero Dispersion Slope		≤0.092 ps/km nm2
Dispersion (1285 - 1340 nm)		-3.5 ~ 3.5ps/(nm km)
Mode Field Diameter (@ 1310 nm)		8.8
Cutoff wavelength cable		≤1260 nm

TESTING AND ENVIRONMENTAL

Storage Temperature	°C (°F)	-40 to 70 (-40 to 158)
Operation Temperature	°C (°F)	-30 to 70 (-22 to 158)
Installation Temperature	°C (°F)	-10 to 60 (14 to 140)
LSZH Specification		IEC 60332-1

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

External Document Links

Notes

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