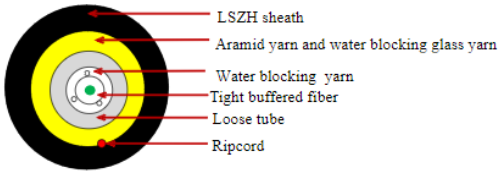
PRODUCT DATASHEET

FOGT-01x01SA2-F00

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

HYBRIFLEX fiber only round drop cable, simplex 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.



FEATURES / BENEFITS

- Incoprates 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 materials for use inside buildings
- Integrated rip cord

External Document Links

Notes

Technical features

STRUCTURE		
Cable Type		Fiber optic cable
Fire Performance		Flame Retardant
Optical Fiber Color		Green
Number of Fiber		1
MECHANICAL SPECIFICATIONS		
Cable Weight	kg/m (lb/ft)	0.03 (0.02)
CABLE JACKET		
UV-Protection Individual and External Jacket		Yes for External Jacket Only
Jacket Material		LSZH Black
Outer Diameter Nominal	mm (in)	5.05 (0.199)
F/O CABLE SPECIFICATIONS		
F/O Cable Type		G657-A2 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 G657A2; RoHS Compliant
Fiber Attenuation	dB/km	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)	-25 to 65 (-13 to 149)
Installation Temperature	°C (°F)	-5 to 60 (23 to 140)
LSZH Specification		IEC 60332-1