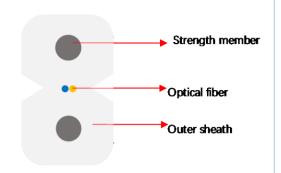


# HYBRIFLEX® Fiber Optic Drop Cable, 2 Fiber, Single Mode, LSZH, Indoor

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

	ICTL	

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 Weight	Kg/III (ID/IL)	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	pre/Clad μm 9 /125		
Secondary Protection Nominal	ary 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: $\leq 0.37 dB/km@\lambda=1310nm \& \leq 0.24 dB/km \lambda = 1550nm$		Max: $\leq$ 0.37dB/km@ $\lambda$ =1310nm & $\leq$ 0.24dB/km $\lambda$ =1550nm	
Zero Dispersion Slope		≤0.092 ps/km nm2	
Dispersion (1285 - 1340 nm)		-3.5 ~ 3.5ps/(nm km)	
Mode Field Diameter (@ 1310 nm)	lode Field Diameter (@ 1310 nm)		
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

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