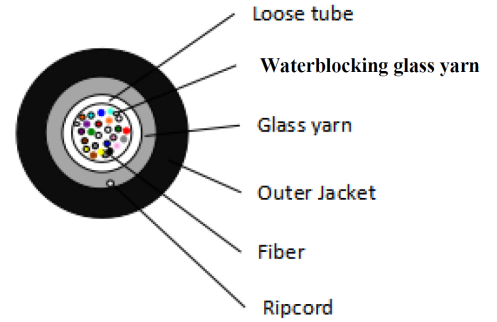




HYBRIFLEX fiber only round drop cable, multi-fiber single mode, gel free, water blocking, LSZH, indoor cable with integrated rip cord. Optimized for Radio over Fiber (RoF) applications, for use within the RFS Technologies "Conventional" RoF solution.

**FEATURES / 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**

<b>Cable Type</b>		Fiber optic cable
<b>Fire Performance</b>		Flame Retardant
<b>Optical Fiber Color</b>		Red/Green/Blue/Yellow/Grey/Violet/Brown/Orange/White/Pink/Black/Aqua
<b>Number of Fiber</b>		24

**MECHANICAL SPECIFICATIONS**

<b>Cable Weight</b>	kg/m (lb/ft)	0.096 (0.065)
---------------------	--------------	---------------

**CABLE JACKET**

<b>UV-Protection Individual and External Jacket</b>		Yes for External Jacket Only
<b>Jacket Material</b>		LSZH Black
<b>Outer Diameter Nominal</b>	mm (in)	8.8 (0.35)

**F/O CABLE SPECIFICATIONS**

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

**TESTING AND ENVIRONMENTAL**

<b>Storage Temperature</b>	°C (°F)	-40 to 70 (-40 to 158 )
<b>Operation Temperature</b>	°C (°F)	-30 to 70 (-22 to 158 )
<b>Installation Temperature</b>	°C (°F)	-5 to 60 (23 to 140 )
<b>LSZH Specification</b>		IEC 60332-1



**FOGT-01x24SA2-F00**

HYBRIFLEX® Fiber Optic Drop Cable, 24 Fiber Single Mode, LSZH, Indoor

	1	2	3	4	5	6	7	8	9	10	11	12
Fibre Color Code	Red	Green	Blue	Yellow	Grey	Violet	Brown	Orange	White	Pink	Black	Aqua
	13	14	15	16	17	18	19	20	21	22	23	24
	Red	Green	Blue	Yellow	Grey	Violet	Brown	Orange	White	Pink	Natural	Aqua

External Document Links

Notes

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