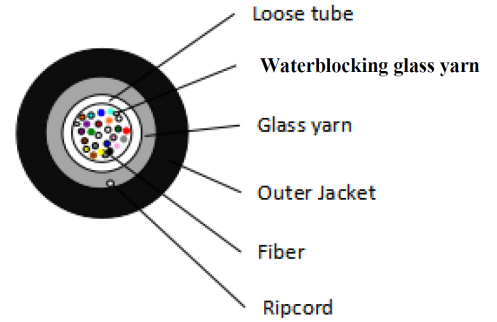




Indoor / Outdoor fiber only round drop cable, multi-fiber single mode, gel free, water blocking, LSZH CPR fire rated Eca - IEC 60332-1-2 complaint cable with integrated rip cord. Optimized for Radio over Fiber (RoF) applications, for use within the RFS Technologies "Conventional" RoF solution.

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



Fiber Optical, Glas Armor, Tighten Buffer, 01 *24 Fiber, Single Mode, A2 optical, Flame Retardant Jacket, 00(Standard)

Technical features

STRUCTURE

Cable Type		Fiber optic cable
Fire Performance		Flame Retardant CPR fire rated Eca - IEC 60332-1-2
Optical Fiber Color		Red/Green/Blue/Yellow/Grey/Violet/Brown/Orange/White/Pink/Black/Aqua
Number of Fiber		24

MECHANICAL SPECIFICATIONS

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

CABLE JACKET

UV-Protection Individual and External Jacket		Yes for External Jacket Only
Jacket Material		LSZH Black CPR fire rated Eca - IEC 60332-1-2
Outer Diameter Nominal	mm (in)	8.8 (0.35)

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		Max: ≤ 0.37dB/km@λ=1310nm & ≤0.24dB/km λ =1550nm
Zero Dispersion Slope		≤0.092 ps/km nm ²
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)	-5 to 60 (23 to 140)
LSZH Specification		IEC 60332-1

	1	2	3	4	5	6	7	8	9	10	11	12
Fibre Color	Red	Green	Blue	Yellow	Grey	Violet	Brown	Orange	White	Pink	Black	Aqua
Color Code	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.