PRODUCT DATASHEET

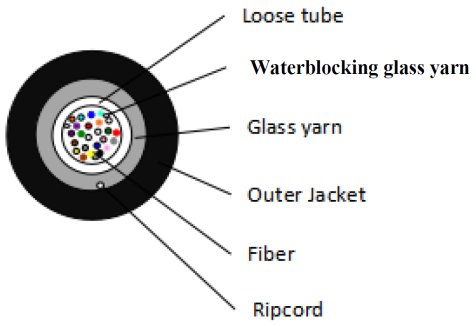
FOGT-01x12SA2-F00

HYBRIFLEX® Fiber Optic Drop Cable, 12 Fiber Single Mode, LSZH, Indoor

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

- Incoprates 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

Cable Type		Fiber optic cable
Fire Performance		Flame Retardant
Optical Fiber Color		Red/Green/Blue/Yellow/Grey/Violet/Brown/Orange/White/Pink/Black/Aqua
Number of Fiber		12

MECHANICAL SPECIFICATIONS

Cable Weight	kg/m (lb/ft)	0.085 (0.057)

CABLE JACKET

UV-Protection Individual and External Jacket		Yes for External Jacket Only
Jacket Material		LSZH Black
Outer Diameter Nominal	mm (in)	8.5 (0.33)

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 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)	-5 to 60 (23 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

Fibre Color Code	1	2	3	4	5	6	7	8	9	10	11	12
	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.

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