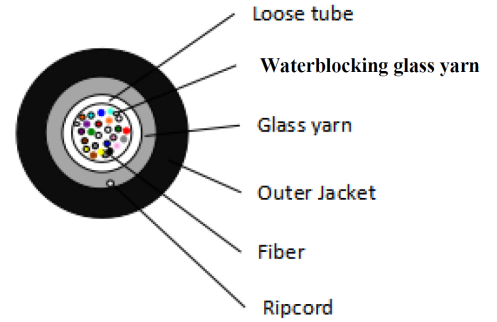




HYBRIFLEX fiber only round drop cable, multi-fiber single mode, gel free, water blocking, LSZH, indoor cable with integrated rip cord. Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Conventional" RoF solution.

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

| | | |
|----------------------------|--|--|
| 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 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 |



FOGT-01x12SA2-F00

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

| | | | | | | | | | | | | |
|-------------|-----|-------|------|--------|------|--------|-------|--------|-------|------|---------|------|
| | 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 |
| 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.