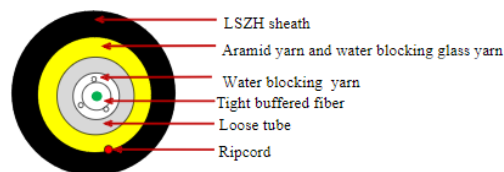




HYBRIFLEX fiber only round drop cable, simplex single mode, gel free, water blocking, LSZH, indoor cable with integrated rip cord. Optimized for Radio over Fiber (RoF) applications, for use within the RFS "Conventional" RoF solution.

FEATURES / BENEFITS

- Incorporates simplex, single mode optical fiber ensuring future proof connectivity for RoF (and other) high bandwidth, multi wavelength applications
- Tight buffer fibers are 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

**External Document Links****Notes****Technical features****STRUCTURE**

| | | |
|---------------------|--|-------------------|
| Cable Type | | Fiber optic cable |
| Fire Performance | | Flame Retardant |
| Optical Fiber Color | | Green |
| Number of Fiber | | 1 |

MECHANICAL SPECIFICATIONS

| | | |
|--------------|--------------|-------------|
| Cable Weight | kg/m (lb/ft) | 0.03 (0.02) |
|--------------|--------------|-------------|

CABLE JACKET

| | | |
|--|---------|------------------------------|
| UV-Protection Individual and External Jacket | | Yes for External Jacket Only |
| Jacket Material | | LSZH Black |
| Outer Diameter Nominal | mm (in) | 5.05 (0.199) |

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 | dB/km | Max: $\leq 0.37\text{dB/km}@ \lambda=1310\text{nm}$ & $\leq 0.24\text{dB/km} \lambda=1550\text{nm}$ |
| Zero Dispersion Slope | | $\leq 0.092 \text{ ps/km nm}^2$ |
| Dispersion (1285 - 1340 nm) | | -3.5 ~ 3.5ps/(nm km) |
| Mode Field Diameter (@ 1310 nm) | | 8.8 |
| Cutoff wavelength cable | | $\leq 1260 \text{ nm}$ |

TESTING AND ENVIRONMENTAL

| | | |
|--------------------------|---------|-------------------------|
| Storage Temperature | °C (°F) | -40 to 70 (-40 to 158) |
| Operation Temperature | °C (°F) | -25 to 65 (-13 to 149) |
| Installation Temperature | °C (°F) | -5 to 60 (23 to 140) |
| LSZH Specification | | IEC 60332-1 |