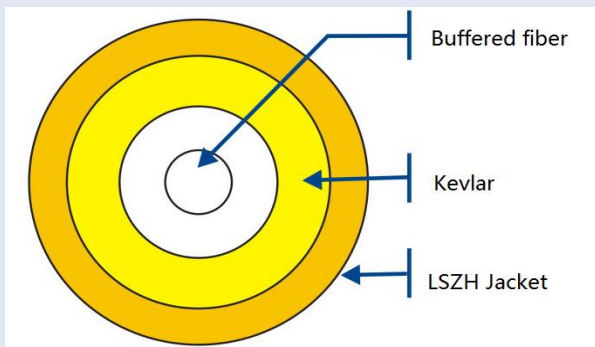


1.8mm Simplex Fiber Optic Cable

Service the industry with high-performance cost-effective solutions

Product Details



- 1 - Number of fibers
1
- 2 - Fiber characteristic
Color :Original
OD : 242±7 um
- 3 - Characteristic of buffered :
Environmental protected LSZH
OD : 0.57±0.05mm
Thickness of sheath : 0.20±0.015mm
- 4 - Kevlar
- 5 - Out jacket
Thickness: 0.25±0.03mm
Material : Environmental protected LSZH
OD: 1.75–1.85mm

Fiber Characteristics

| Fiber style | | Unit | SM G652D | MM 50/125 | MM 62.5/125 | MM OM3 |
|-------------|--------|-----------|-----------|-----------|-------------|----------|
| Condition | | nm | 1310/1550 | 850/1300 | 850/1300 | 850/1300 |
| Attenuation | | dB/km | 0.40/0.30 | 3.0/1.0 | 3.0/1.0 | 3.0/1.0 |
| Dispersion | 1550nm | ps(nm·km) | ≤18 | ----- | ----- | ----- |
| | 1625nm | ps(nm·km) | ≤22 | ----- | ----- | ----- |
| Bandwidth | 850nm | MHZ·km | ----- | ≥200 | ≥160 | ≥1500 |
| | 1300nm | MHZ·km | ----- | ≥200 | ≥300 | ≥500 |

Application:

| | | | |
|--|------------|----------------------|---------------|
| Temperature range | | °C | -20°C-- +70°C |
| Nominal weight | | 'g/m | 2.9 |
| Min. Bending Radius (mm) | Install | mm | 20H |
| Min. Bending Radius (mm) | Static | mm | 10H |
| Max. Tension (N) | Short-term | N | 100 |
| Max. Tension (N) | Long-term | N | 60 |
| Max. Crushing Resistance (N/100mm ²) | | N/100mm ² | 500 |