



| Temperature Range | |
|-------------------|----------------|
| Operating | -40°C to +70°C |
| Storage | -40°C to +75°C |
| Installation | -30°C to +60°C |

Standards:

- ICEA S-87-640
- GR-20
- RoHS

| Glass Type | Fiber Grade Code (*) | Jacket | Operating Wavelength (nm) | Max Attenuation (dB/km) | Min. OFL Bandwidth (MHz-km) | Min. Laser Bandwidth (MHz-km) | 1 Gigabit Ethernet Min. Link Length (meters) | 10 Gigabit Ethernet Min. Link Length (meters) |
|-----------------------------|----------------------|--------|---------------------------|-------------------------|-----------------------------|-------------------------------|--|---|
| OS2 - Single Mode | S | Black | 1310/1550 | 0.35/0.25 | - | - | 5000/- | 10,000/40,000 |
| OM1 - 62.5/125µm Multi-Mode | 1 | Black | 850/1300 | 3.25/1.0 | 200/500 | 220/- | 275/550 | 33/- |
| OM3 - 50/125µm Multi-Mode | 3 | Black | 850/1300 | 3.0/1.0 | 1500/500 | 2000/- | 1000/550 | 300/- |
| OM4 - 50/125µm Multi-Mode | 4 | Black | 850/1300 | 3.0/1.0 | 3500/500 | 4700/- | 1100/550 | 400/- |
| OM5 - 50/125µm Multi-Mode | 5 | Black | 850/1300 | 3.0/1.0 | 3500/500 | 4700/- | 1100/550 | 400/- |

Single Jacket Steel Corrugated Armor

| Fiber Count | Part Number ¹ | Jacket Color | Nom. Jacket Dia. in (mm) | Weight lbs/1000ft (kg/km) | Max. Install Load lbs (N) | Max. Long Term Load lbs (N) | Min. Bend Radius Load | Min. Long Term Bend Radius |
|-------------|--------------------------|--------------|--------------------------|---------------------------|---------------------------|-----------------------------|-----------------------|----------------------------|
| 6 | FS*L0066C | Black | 0.530 (10.1) | 91 (136) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 12 | FS*L0126D | Black | 0.530 (13.5) | 93 (139) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 24 | FS*L0246D | Black | 0.530 (13.5) | 93 (139) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 36 | FS*L0366D | Black | 0.530 (13.5) | 93 (139) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 48 | FS*L0486D | Black | 0.530 (13.5) | 93 (139) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 72 | FS*L0726D | Black | 0.530 (13.5) | 97 (145) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 96 | FS*L0966D | Black | 0.570 (14.5) | 117 (174) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 144 | FS*L1446D | Black | 0.690 (17.5) | 165 (246) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |

¹ Substitute (*) with Fiber Grade Code

Double Jacket Steel Corrugated Armor

| Fiber Count | Part Number ¹ | Jacket Color | Nom. Jacket Dia. in (mm) | Weight lbs/1000ft (kg/km) | Max. Install Load lbs (N) | Max. LoND Term Load lbs (N) | Min. Bend Radius Load | Min. LoND Term Bend Radius |
|-------------|--------------------------|--------------|--------------------------|---------------------------|---------------------------|-----------------------------|-----------------------|----------------------------|
| 6 | FS*H0066C | Black | 0.610 (15.5) | 123 (183) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 12 | FS*H0126D | Black | 0.610 (15.5) | 124 (184) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 24 | FS*H0246D | Black | 0.610 (15.5) | 124 (184) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 36 | FS*H0366D | Black | 0.610 (15.5) | 124 (184) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 48 | FS*H0486D | Black | 0.610 (15.5) | 124 (184) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 72 | FS*H0726D | Black | 0.610 (15.5) | 127 (190) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 96 | FS*H0966D | Black | 0.690 (17.5) | 154 (230) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |
| 144 | FS*H1446D | Black | 0.810 (20.6) | 212 (315) | 600 (2700) | 180 (810) | 20x Cable OD | 10x Cable OD |

¹ Substitute (*) with Fiber Grade Code

¹This design incorporates one or more moisture blocking agents located between the outside each fiber bundle and the inner wall of each loose-tube, but not within each fiber bundle itself, so as to protect the outside of each fiber bundle, and thus prevent water penetration along the length of the loose-tube.