



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

**Standards:**

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

Glass Type	Fiber Grade Code (x)	Jacket & Subunit Color	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)
OM1 - 62.5/125mm Multi-Mode	1	Black	850/1300	3.25/1.0	200/500	220/-	300/500	33/-
OM3 - 50/125mm Multi-Mode	3	Black	850/1300	3.0/1.0	1500/500	2000/-	1000/-	300/-
OM4 - 50/125mm Multi-Mode	4	Black	850/1300	3.0/1.0	3500/500	4700/-	1100/-	400/-
OS2 - Single Mode	S	Black	1310/1550	0.35/0.25	-	-	5000/-	10,000/40,000

Single Jacket All-Dielectric								
Fiber Count	Part Number <sup>2</sup>	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	FSxL006NC	Black	0.390 (9.9)	43 (64)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	FSxL012ND	Black	0.390 (9.9)	43 (64)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	FSxL024ND	Black	0.390 (9.9)	43 (64)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FSxL036ND	Black	0.390 (9.9)	43 (64)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FSxL048ND	Black	0.390 (9.9)	43 (64)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FSxL072ND	Black	0.405 (10.3)	49 (73)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FSxL096ND	Black	0.460 (11.7)	70 (104)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FSxL144ND	Black	0.600 (15.2)	101 (151)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
2 Substitute (x) with Fiber Grade Code								

Double Jacket All-Dielectric								
Fiber Count	Part Number <sup>2</sup>	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	FSxH006NC	Black	0.465 (11.8)	67 (99)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
12	FSxH012ND	Black	0.465 (11.8)	67 (99)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
24	FSxH024ND	Black	0.465 (11.8)	67 (99)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FSxH036ND	Black	0.465 (11.8)	67 (99)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FSxH048ND	Black	0.465 (11.8)	67 (99)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FSxH072ND	Black	0.485 (12.3)	73 (109)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FSxH096ND	Black	0.540 (13.7)	97 (144)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FSxH144ND	Black	0.680 (17.3)	135 (201)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
2 Substitute (x) with Fiber Grade Code								

## Single Jacket Corrugated Steel Armor

Fiber Count	Part Number <sup>2</sup>	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	FSxL0066C	Black	0.530 (13.5)	94 (140)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	FSxL0126D	Black	0.530 (13.5)	94 (140)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
24	FSxL0246D	Black	0.530 (13.5)	94 (140)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	FSxL0366D	Black	0.530 (13.5)	94 (140)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	FSxL0486D	Black	0.530 (13.5)	94 (140)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	FSxL0726D	Black	0.530 (13.5)	99 (147)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	FSxL0966D	Black	0.610 (15.5)	124 (185)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	FSxL1446D	Black	0.730 (18.5)	166 (247)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD

<sup>2</sup> Substitute (x) with Fiber Grade Code

## Double Jacket Corrugated Steel Armor

Fiber Count	Part Number <sup>2</sup>	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	FSxH0066C	Black	0.570 (14.5)	116 (173)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
12	FSxH0126D	Black	0.570 (14.5)	117 (174)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
24	FSxH0246D	Black	0.570 (14.5)	117 (174)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	FSxH0366D	Black	0.570 (14.5)	117 (174)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	FSxH0486D	Black	0.570 (14.5)	117 (174)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	FSxH0726D	Black	0.610 (15.5)	125 (186)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	FSxH0966D	Black	0.650 (16.5)	154 (229)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	FSxH1446D	Black	0.810 (20.6)	202 (301)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD

<sup>2</sup> Substitute (x) with Fiber Grade Code

<sup>1</sup>This design incorporates one or more moisture blocking agents located between the outside of 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.