



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
- ANSI/TIA-568-C.3

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								
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*L006NC	Black	0.40 (10.1)	43 (64)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FS*L012ND	Black	0.40 (10.1)	43 (64)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FS*L024ND	Black	0.40 (10.1)	43 (64)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FS*L036ND	Black	0.40 (10.1)	43 (64)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FS*L048ND	Black	0.40 (10.1)	43 (64)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FS*L072ND	Black	0.43 (10.9)	50 (75)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FS*L096ND	Black	0.50 (12.6)	65 (97)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FS*L144ND	Black	0.63 (15.9)	105 (156)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD

¹ Substitute (*) with Fiber Grade Code

Double Jacket Heavy Duty								
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*H006NC	Black	0.46 (11.7)	63 (96)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FS*H012ND	Black	0.46 (11.7)	63 (96)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FS*H024ND	Black	0.46 (11.7)	63 (96)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FS*H036ND	Black	0.46 (11.7)	63 (96)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FS*H048ND	Black	0.46 (11.7)	63 (96)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FS*H072ND	Black	0.48 (12.2)	73 (108)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FS*H096ND	Black	0.54 (13.8)	89 (133)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FS*H144ND	Black	0.67 (17.1)	133 (198)	600 (2760)	180 (800)	15x 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.