



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
- 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	0.4/0.3	-	-	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 <sup>1</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	FS*L006NF	Black	0.364 (9.2)	40 (60)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FS*L012NG	Black	0.410 (10.4)	46 (68)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FS*L024NG	Black	0.410 (10.4)	47 (70)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FS*L036NG	Black	0.410 (10.4)	47 (70)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FS*L048NG	Black	0.410 (10.4)	48 (71)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FS*L072NG	Black	0.427 (10.8)	55 (82)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FS*L096NG	Black	0.485 (12.3)	77 (115)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FS*L144NG	Black	0.621 (15.8)	112 (167)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD

<sup>1</sup> Substitute (\*) with Fiber Grade Code  
Fiber counts 12-36 are also available in a 6F/Tube Design

Double Jacket Heavy Duty								
Fiber Count	Part Number <sup>1</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	FS*H006NF	Black	0.459 (11.7)	59 (88)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FS*H012NG	Black	0.505 (12.8)	67 (100)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FS*H024NG	Black	0.505 (12.8)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FS*H036NG	Black	0.505 (12.8)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FS*H048NG	Black	0.505 (12.8)	69 (103)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FS*H072NG	Black	0.522 (13.3)	77 (115)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FS*H096NG	Black	0.580 (14.7)	98 (146)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FS*H144NG	Black	0.716 (18.2)	141 (210)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD

<sup>1</sup> Substitute (\*) with Fiber Grade Code  
Fiber counts 12-36 are also available in a 6F/Tube Design