



Temperature Range	
Operating	-40°C to +70°C
Storage	-40°C to +70°C
Installation	-10°C to +60°C

Standards:

- TIA/EIA-568.3-D
- NEC/CEC OFNR/OFCR FT4
- ICEA S-104-696 (Indoor/Outdoor Rated)
- ROHS II 2011/65/EU
- REACH EC1907-2006

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 All Dielectric PVC (UL) Type OFNR / c(UL) OFNR FT4

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	FD*L006RF	Black	0.454 (11.5)	75 (113)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FD*L012RG	Black	0.454 (11.5)	75 (113)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FD*L024RG	Black	0.454 (11.5)	75 (113)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FD*L036RG	Black	0.454 (11.5)	74 (110)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FD*L048RG	Black	0.454 (11.5)	74 (110)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FD*L072RG	Black	0.481 (12.2)	82 (122)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FD*L096RG	Black	0.547 (13.9)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FD*L144RG	Black	0.454 (17.8)	176 (262)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD

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

Double Jacket All Dielectric PVC (UL) Type OFNR / c(UL) OFNR FT4

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	FD*H006RF	Black	0.529 (13.4)	104 (155)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FD*H012RG	Black	0.529 (13.4)	104 (155)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FD*H024RG	Black	0.529 (13.4)	104 (155)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FD*H036RG	Black	0.529 (13.4)	103 (153)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FD*H048RG	Black	0.529 (13.4)	103 (153)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FD*H072RG	Black	0.556 (14.1)	117 (174)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FD*H096RG	Black	0.622 (15.8)	142 (210)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FD*H144RG	Black	0.776 (19.7)	219 (326)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD

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