



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/OFNR 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	0.35/0.25	-	-	5000/-	10,000/40,000

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 lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	FD*L002RC	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
4	FD*L004RC	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
6	FD*L006RC	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
8	FD*L008RD	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FD*L012RD	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FD*L024RD	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FD*L036RD	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FD*L048RD	Black	0.431 (11.0)	68 (101)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FD*L072RD	Black	0.448 (11.4)	73 (109)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FD*L096RD	Black	0.506 (12.9)	94 (140)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FD*L144RD	Black	0.642 (16.3)	148 (220)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
288	FD*L288RD	Black	0.746 (19.0)	166 (247)	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 lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	FD*H002RC	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
4	FD*H004RC	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
6	FD*H006RC	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
8	FD*H008RD	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
12	FD*H012RD	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
24	FD*H024RD	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
36	FD*H036RD	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
48	FD*H048RD	Black	0.536 (13.6)	107 (159)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
72	FD*H072RD	Black	0.543 (13.8)	115 (171)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
96	FD*H096RD	Black	0.601 (15.3)	137 (203)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
144	FD*H144RD	Black	0.737 (18.7)	199 (296)	600 (2760)	180 (800)	15x Cable OD	10x Cable OD
288	FD*H288RD	Black	0.846 (21.5)	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

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.