



**Standards:**

- ICEA S-83-596
- RoHS
- ANSI/TIA-568-C.3

	Temperature Range	
	Riser / LSZH	Plenum
Operating	-20 <sup>0</sup> C to +70 <sup>0</sup> C -4 <sup>0</sup> F to +158 <sup>0</sup> F	0 <sup>0</sup> C to +70 <sup>0</sup> C 32 <sup>0</sup> F to +158 <sup>0</sup> F
Storage	-40 <sup>0</sup> C to +70 <sup>0</sup> C -40 <sup>0</sup> F to +158 <sup>0</sup> F	-40 <sup>0</sup> C to +70 <sup>0</sup> C -40 <sup>0</sup> F to +158 <sup>0</sup> F
Installation	-10 <sup>0</sup> C to +60 <sup>0</sup> C 14 <sup>0</sup> F to +140 <sup>0</sup> F	0 <sup>0</sup> C to +60 <sup>0</sup> C 32 <sup>0</sup> F to +140 <sup>0</sup> F

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)
OS2 - Single Mode	S	Yellow	1310/1550	0.5/0.5	-	-	5000/-	10,000/40,000
OM1 - 62.5/125µm Multi-Mode	1	Black	850/1300	3.5/1.25	200/500	220/-	300/550	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	550/-
OM5 - 50/125µm Multi-Mode	5	Black	1310/1550	3.0/1.0	3500/500	4700/-	1100/550	550/-

2.0 MM PVC- UL Type OFNR / C(UL) OFNR FT4							
Fiber Count	Part Number <sup>1</sup>	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
2	FI*B002RB	0.260 (6.7)	14 (21)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
4	FI*B004RB	0.321 (8.2)	17 (26)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
6	FI*B006RB	0.358 (9.1)	20 (30)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
8	FI*B008RB	0.405 (10.3)	22 (33)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
12	FI*B012RB	0.514 (13.1)	27 (41)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
18	FI*B018RB	0.514 (13.1)	35 (53)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
24	FI*B024RB	0.650 (16.6)	118 (63)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
Substitute (*) with Fiber Grade Code							

2.0 MM LSZH- UL Type OFNR / C(UL) OFNR FT4							
Fiber Count	Part Number <sup>1</sup>	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
2	FI*B002LB	0.260 (6.7)	14 (21)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
4	FI*B004LB	0.321 (8.2)	17 (26)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
6	FI*B006LB	0.358 (9.1)	20 (30)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
8	FI*B008LB	0.405 (10.3)	22 (33)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
12	FI*B012LB	0.514 (13.1)	27 (41)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
18	FI*B018LB	0.514 (13.1)	35 (53)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
Substitute (*) with Fiber Grade Code							

2.0 MM - UL Type OFNP / C(UL) OFNP FT6							
Fiber Count	Part Number <sup>1</sup>	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
2	FI*B002PB	0.230 (5.9)	14 (21)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
4	FI*B004PB	0.263 (6.7)	15 (23)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
6	FI*B006PB	0.309 (7.9)	15 (23)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
8	FI*B008PB	0.346 (8.8)	17 (25)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
12	FI*B012PB	0.416 (10.6)	21 (32)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
24	FI*B024PB	0.544 (13.8)	117 (174)	300 (1330)	90 (400)	15x Cable OD	10x Cable OD
Substitute (*) with Fiber Grade Code							

## 2.0 MM Armored- UL Type OFCR/ C(UL) OFCR FT4

Fiber Count	Part Number <sup>1</sup>	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
2	FI*B002FB	0.540 (13.7)	130 (194)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
4	FI*B004FB	0.605 (15.4)	147 (219)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
6	FI*B006FB	0.670 (17.0)	176 (262)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
8	FI*B008FB	0.715 (18.2)	188 (280)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
12	FI*B012FB	0.925 (23.5)	244 (363)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
18	FI*B018FB	0.925 (23.5)	252 (375)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
Substitute (*) with Fiber Grade Code							

## 2.0 MM Armored- UL Type OFCP / C(UL) OFCP FT6

Fiber Count	Part Number <sup>1</sup>	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
2	FI*B002AB	0.480 (12.2)	114 (170)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
4	FI*B004AB	0.515 (13.1)	123 (183)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
6	FI*B006AB	0.560 (14.2)	132 (196)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
8	FI*B008AB	0.600 (15.2)	142 (211)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
12	FI*B012AB	0.670 (17.0)	186 (277)	300 (1330)	90 (400)	20x Cable OD	10x Cable OD
Substitute (*) with Fiber Grade Code							