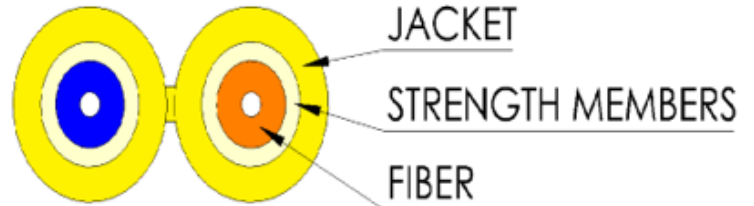**BELDEN**
SENDING ALL THE RIGHT SIGNALS

Supple and compact yet undoubtedly resilient. Small form factor FX interconnect cables provide the right combination of flexibility, small size and robustness needed to withstand the rigors of daily patching without sacrificing density.

Standards:

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

JACKET
STRENGTH MEMBERS
FIBER

Temperature Range		
	Riser / LSZH	**Plenum**
Operating	-20^{0}C to +70^{0}C -4^{0}F to +158^{0}F	0^{0}C to +70^{0}C 32^{0}F to +158^{0}F
Storage	-40^{0}C to +70^{0}C -40^{0}F to +158^{0}F	-40^{0}C to +70^{0}C -40^{0}F to +158^{0}F
Installation	-10^{0}C to +60^{0}C 14^{0}F to +140^{0}F	0^{0}C to +60^{0}C 32^{0}F to +140^{0}F

Glass Type	Fiber Grade Code (*)	Jacket 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 - 62.5/125mm Multi-Mode	1	Orange	850/1300	3.5/1.25	200/500	220/-	300/550	33/-
OM3 - 50/125mm Multi-Mode	3	Aqua	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125mm Multi-Mode	4	Erika Violet	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550-
OM5 - 50/125mm Multi-Mode	5	Lime Green	1310/1550	3.0/1.0	3500/500	4700/-	1100/550	550-

UL Type OFNR / C(UL) OFNR FT4

Fiber Count	Part Number	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
1	FI*I001RA	0.060 (1.6)	2 (3)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
1	FI*I001RB	0.078 (2.0)	4 (6)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
1	FI*I001RC	0.118 (3.0)	6 (9)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002RA	0.060 x 0.120	7 (10)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002RB	0.078 x 0.156	7 (10)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002RC	0.118 x 0.236	13 (19)	50 (220)	15 (67)	15x Cable OD	10x Cable OD

Substitute (*) with Fiber Grade Code

LSZH - UL Type OFNR / C(UL) OFNR FT4

Fiber Count	Part Number	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
1	FI*I001LA	0.060 (1.6)	2 (3)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
1	FI*I001LB	0.078 (2.0)	4 (6)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
1	FI*I001LC	0.118 (3.0)	6 (9)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002LA	0.060 x 0.120	7 (10)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002LB	0.078 x 0.156	7 (10)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002LC	0.118 x 0.236	13 (19)	50 (220)	15 (67)	15x Cable OD	10x Cable OD

Substitute (*) with Fiber Grade Code

UL Type OFNP / C(UL) OFNP FT6

Fiber Count	Part Number	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
1	FI*I001PA	0.060 (1.6)	2 (3)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
1	FI*I001PB	0.078 (2.0)	4 (6)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
1	FI*I001PC	0.118 (3.0)	6 (9)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002PA	0.060 x 0.120	7 (10)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002PB	0.078 x 0.156	7 (10)	50 (220)	15 (67)	15x Cable OD	10x Cable OD
2	FI*I002PC	0.118 x 0.236	13 (19)	50 (220)	15 (67)	15x Cable OD	10x Cable OD

Substitute (*) with Fiber Grade Code

Mini Round - UL Type OFNP / C(UL) OFNP FT6

Fiber Count	Part Number	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	FI*I002P0	0.078 (2.0)	3 (3)	22 (100)	7 (30)	15x Cable OD	10x Cable OD
8	FI*I008P0	0.078 (2.0)	3 (3)	22 (100)	7 (30)	15x Cable OD	10x Cable OD
12	FI*I012P0	0.078 (2.0)	3 (3)	50 (222)	15 (67)	15x Cable OD	10x Cable OD
24	FI*I024P0	0.118 (3.0)	6 (9)	150 (668)	45 (200)	15x Cable OD	10x Cable OD

Substitute (*) with Fiber Grade Code