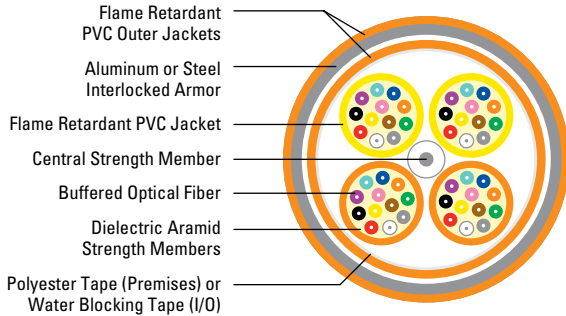


Interlocked Armor

Premises Fiber OFCR/OFCP



Specifications	
Core Configuration	Available using 33, 34, 43, 44 and W3 series products
Interlocked Armor	Flexible, heavy duty interlocking aluminum or steel tape helically applied over the inner cable core; further protection is provided by an optional flame retardant outer jacket
Outer Jacket	Premises: Flame retardant (FR), chemical resistant PVC Indoor/Outdoor: Black, FR, chemical resistant and sunlight resistant PVC
Applicable Standards	Listed as OFCR (UL 1666) Listed as OFCP (NFPA 262) Telcordia GR-409-CORE, Issue 2 ANSI/ICEA S-83-596 ANSI/ICEA S-104-696 ANSI/TIA-568-C.3 RoHS-compliant

Environmental Specifications		
	Riser	Plenum
Operation	-40°C to +75°C	-40°C to +75°C
Storage/Shipping	-40°C to +75°C	-40°C to +75°C
Installation	-20°C to +65°C	-20°C to +65°C

Product Description

Interlocked Armor Optical Fiber Cables provide for an extremely well protected cable package ideally suited for harsh environments. The armor is available in aluminum or steel and comes with either an OFCR (riser) or OFCP (plenum) rating. This design offers the system designer a product that can be installed in high traffic areas where added mechanical protection and security are required. The flexible interlocked armor cable design is also popular for retrofit applications and eliminates the need to install rigid conduit while still meeting building code guidelines.

Applications

- Intra-building backbones
- Conduit pathways
- Service entrance to communication closets

Features

- Thick, flexible metallic armor
- Flame retardant, UL Listed designs
- Full line of Superior Essex cables available

Benefits

- Reduce incidences of circuit disruption due to rodents or mechanically abusive applications
- Eliminates the need for multiple cables for installation
- Customized designs reduces cable inventory requirements

Part Numbers and Physical Characteristics									
Listing	Part Number ¹	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Compression lbf/in (N/cm)	Maximum Tensile Loading		Minimum Bend Radius	
						Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
Single Unit Tight Buffer									
OFCR	L3002x301	2	0.54 (13.8)	89 (133)	286 (500)	150 (660)	45 (200)	8 (207)	5 (138)
OFCR	L3004x301	4	0.54 (13.8)	91 (135)	286 (500)	150 (660)	45 (200)	8 (207)	5 (138)
OFCR	L3006x401	6	0.54 (13.8)	92 (138)	286 (500)	150 (660)	45 (200)	8 (207)	5 (138)
OFCR	L3012x401	12	0.62 (15.7)	112 (167)	286 (500)	150 (660)	45 (200)	9 (236)	6 (157)
OFCR	L3018xK1Q	18	0.66 (16.8)	131 (196)	228 (400)	300 (1,320)	90 (400)	10 (251)	7 (168)
OFCR	L3024xK1Q	24	0.70 (17.8)	151 (225)	228 (400)	300 (1,320)	90 (400)	11 (267)	7 (178)
OFCP	L4002x301	2	0.50 (12.7)	82 (123)	286 (500)	150 (660)	30 (130)	8 (191)	5 (127)
OFCP	L4004x301	4	0.50 (12.7)	84 (125)	286 (500)	150 (660)	30 (130)	8 (191)	5 (127)
OFCP	L4006x401	6	0.50 (12.7)	87 (130)	286 (500)	150 (660)	30 (130)	8 (191)	5 (127)
OFCP	L4012x401	12	0.55 (13.9)	104 (154)	286 (500)	150 (660)	30 (130)	8 (209)	5 (139)
OFCP	L4018xK1Q	18	0.60 (15.2)	88 (131)	228 (400)	150 (660)	45 (200)	9 (229)	6 (152)
OFCP	L4024xK1Q	24	0.60 (15.2)	87 (130)	228 (400)	150 (660)	45 (200)	9 (229)	6 (152)
Multi-Unit Tight Buffer									
OFCR	L3018x401	18	0.95 (24.1)	240 (358)	228 (400)	300 (1,320)	90 (400)	14 (362)	9 (241)
OFCR	L3024x401	24	0.95 (24.1)	284 (423)	228 (400)	300 (1,320)	90 (400)	14 (362)	9 (241)
OFCR	L3036x401	36	1.05 (26.7)	352 (525)	171 (300)	300 (1,320)	90 (400)	16 (400)	10 (267)
OFCR	L3048x401	48	1.05 (26.8)	341 (508)	171 (300)	300 (1,320)	90 (400)	16 (401)	11 (268)
OFCR	L3072x401	72	1.23 (31.2)	470 (700)	171 (300)	600 (2,640)	90 (400)	18 (468)	12 (312)
OFCR	L3096x401	96	1.38 (35.1)	611 (912)	171 (300)	600 (2,640)	90 (400)	21 (527)	14 (351)
OFCR	L3144x401	144	1.73 (44.0)	883 (1317)	171 (300)	600 (2,640)	90 (400)	26 (660)	17 (440)
OFCP	L4018x401	18	0.90 (22.8)	228 (340)	228 (400)	300 (1,320)	90 (400)	13 (342)	9 (228)
OFCP	L4024x401	24	0.90 (22.8)	278 (414)	228 (400)	300 (1,320)	90 (400)	13 (343)	9 (228)
OFCP	L4036x401	36	1.02 (25.8)	376 (561)	171 (300)	300 (1,320)	90 (400)	15 (387)	10 (258)
OFCP	L4048x401	48	1.02 (25.8)	353 (526)	171 (300)	300 (1,320)	90 (400)	15 (387)	10 (258)
OFCP	L4072x401	72	1.19 (30.3)	494 (737)	171 (300)	600 (2,640)	90 (400)	18 (455)	12 (303)
Single Unit Indoor/Outdoor Tight Buffer									
OFCR	L3002xW01	2	0.54 (13.8)	89 (133)	286 (500)	150 (660)	45 (200)	8 (207)	5 (138)
OFCR	L3004xW01	4	0.54 (13.8)	91 (135)	286 (500)	150 (660)	45 (200)	8 (207)	5 (138)
OFCR	L3006xW01	6	0.54 (13.8)	92 (138)	286 (500)	150 (660)	45 (200)	8 (207)	5 (138)
OFCR	L3012xW01	12	0.62 (15.7)	112 (167)	286 (500)	150 (660)	45 (200)	9 (236)	6 (157)
OFCP	L4002x201	2	0.50 (12.7)	82 (123)	286 (500)	150 (660)	45 (200)	8 (191)	5 (127)
OFCP	L4004x201	4	0.50 (12.7)	84 (125)	286 (500)	150 (660)	45 (200)	8 (191)	5 (127)
OFCP	L4006x201	6	0.50 (12.7)	87 (130)	286 (500)	150 (660)	45 (200)	8 (191)	5 (127)
OFCP	L4012x201	12	0.55 (13.9)	104 (154)	286 (500)	150 (660)	45 (200)	8 (209)	5 (139)
Multi-Unit Indoor/Outdoor Tight Buffer									
OFCR	L3018xW01	18	0.95 (24.1)	248 (370)	228 (400)	300 (1,335)	90 (400)	14 (362)	9 (241)
OFCR	L3024xW01	24	0.95 (24.1)	284 (423)	228 (400)	300 (1,335)	90 (400)	14 (362)	9 (241)
OFCR	L3036xW01	36	1.05 (26.7)	352 (525)	171 (300)	300 (1,335)	90 (400)	16 (400)	10 (267)
OFCR	L3048xW01	48	1.05 (26.8)	341 (508)	171 (300)	300 (1,335)	90 (400)	16 (401)	11 (268)
OFCR	L3072xW01	72	1.23 (31.2)	470 (700)	171 (300)	600 (2,640)	90 (400)	18 (468)	12 (312)
OFCR	L3096xW01	96	1.38 (35.1)	611 (912)	171 (300)	600 (2,640)	90 (400)	21 (527)	14 (351)
OFCR	L3144xW01	144	1.73 (44.0)	915 (1364)	171 (300)	600 (2,640)	90 (400)	26 (660)	17 (440)
OFCP	L4018x201	18	0.91 (23.0)	228 (340)	228 (400)	300 (1,335)	90 (400)	14 (345)	9 (230)
OFCP	L4024x201	24	0.90 (22.8)	278 (414)	228 (400)	300 (1,335)	90 (400)	13 (343)	9 (228)
OFCP	L4036x201	36	1.02 (25.8)	376 (561)	171 (300)	300 (1,335)	90 (400)	15 (387)	10 (258)
OFCP	L4048x201	48	1.02 (25.8)	353 (526)	171 (300)	300 (1,335)	90 (400)	15 (387)	10 (258)
OFCP	L4072x201	72	1.19 (30.3)	494 (737)	171 (300)	600 (2,640)	90 (400)	18 (455)	12 (303)

Single Mode Optical Fiber					
	Conventional	Reduced Water Peak	Zero Water Peak	TeraFlex® Reduced Water Peak	NZDS
¹ Replace "x" with:	9	3	2	K	8
Premises Jacket Colors	Yellow				
I/O Jacket Color	Black				

TeraGain® Multimode Optical Fiber					
	Standard 62.5/125	Standard 50/125	Laser Optimized 50/125		
			10G/150	10G/300	10G/550
¹ Replace "x" with:	6	5	A	B	F
Premises Jacket Colors	Orange		Aqua		
I/O Jacket Color	Black				

¹Part numbers listed above include aluminum interlocked armor. Steel interlocked armor available upon request. See the "Optical Fiber Selection Chart" in the "TECHNICAL INFORMATION" section for detailed fiber type specifications.