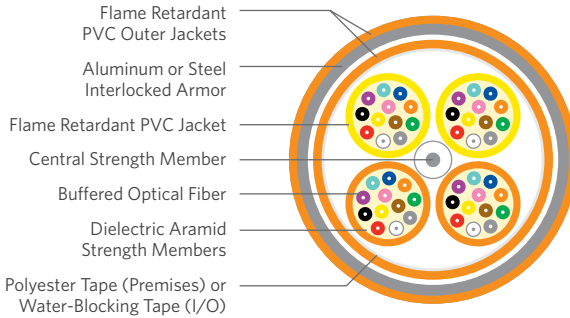


Interlock Armored, Tight Buffer

OFCR/OFCP



SPECIFICATIONS

Interlock Armored	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	OFCR: Flame retardant (FR), PVC OFCP: FR, LSPVC UL 1569 UL 1651 CSA C22.2 No. 232 UL 1666 NFPA 262
Performance Compliance	Telcordia® GR-409-CORE, Issue 1 Telcordia GR-409-CORE, Issue 2 ANSI/ICEA S-83-596 ANSI/TIA-568-C.3
NRTL Programs	UL, c(UL) Listed OFCR UL, c(UL) Listed OFCP
Sustainability	UL Certified EPD HPD USGBC® Member RoHS-compliant/RoHS 2-compliant REACH-compliant

SUSTAINABILITY LEADERSHIP



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PRODUCT DESCRIPTION



FIRST MANUFACTURER IN THE INDUSTRY
to offer products that contribute toward LEED!

Interlock Armored Optical Fiber Cables provide an extremely well protected cable package ideally suited for mechanically challenging 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 areas where added mechanical protection and security are required. The flexible interlock armored cable design is also popular for retrofit applications and eliminates the need to install rigid conduit while still meeting building code guidelines.

APPLICATIONS

- Intrabuilding backbones
- Conduit pathways
- Service entrance to communication closets

FEATURES

- UL® Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Thick, flexible metallic armor
- Flame retardant, UL Listed designs

BENEFITS

- Contributes toward 1 LEED point under the Material and Resources credit (MRc)
- Contributes toward 1 LEED point under the MRc
- Reduce incidences of circuit disruption due to rodents or mechanically abusive applications
- Eliminates the need for multiple cables for installation

ENVIRONMENTAL SPECIFICATIONS

	Riser	Plenum
Operation	-20°C to +75°C	0°C to +75°C
Storage/Shipping	-40°C to +75°C	-40°C to +75°C
Installation	-20°C to +65°C	0°C to +65°C

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Listing	Part Number ¹	Configuration	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)
OFCR	L3002x301	Single unit	2	0.54 (13.8)	90 (134)	286 (500)	150 (670)	45 (200)	8.2 (207)	5.4 (138)
OFCR	L3004x301	Single unit	4	0.54 (13.8)	93 (139)	286 (500)	150 (670)	45 (200)	8.2 (207)	5.4 (138)
OFCR	L3006x401	Single unit	6	0.54 (13.8)	96 (144)	286 (500)	150 (670)	45 (200)	8.2 (207)	5.4 (138)
OFCR	L3008x401	Single unit	8	0.54 (13.8)	101 (150)	287 (500)	150 (670)	45 (200)	8.2 (207)	5.4 (138)
OFCR	L3012x401	Single unit	12	0.61 (15.6)	116 (173)	286 (500)	150 (670)	45 (200)	9.2 (234)	6.1 (156)
OFCR	L3018xK1Q	Single unit	18	0.67 (17.1)	145 (216)	228 (400)	300 (1,340)	90 (400)	10.1 (256)	6.7 (171)
OFCR	L3024xK1Q	Single unit	24	0.73 (18.5)	174 (260)	228 (400)	300 (1,340)	90 (400)	11.0 (278)	7.3 (185)
OFCP	L4002x301	Single unit	2	0.50 (12.7)	78 (116)	286 (500)	150 (670)	45 (200)	7.5 (191)	5.0 (127)
OFCP	L4004x301	Single unit	4	0.50 (12.7)	79 (118)	286 (500)	150 (670)	45 (200)	7.5 (191)	5.0 (127)
OFCP	L4006x401	Single unit	6	0.50 (12.7)	88 (131)	286 (500)	150 (670)	45 (200)	7.5 (191)	5.0 (127)
OFCP	L4008x401	Single unit	8	0.50 (12.7)	90 (134)	286 (500)	150 (670)	45 (200)	7.5 (191)	5.0 (127)
OFCP	L4012x401	Single unit	12	0.55 (13.9)	104 (155)	286 (500)	150 (670)	45 (200)	8.2 (209)	5.5 (139)
OFCP	L4018xK1Q	Single unit	18	0.60 (15.2)	129 (192)	228 (400)	150 (670)	45 (200)	9.0 (229)	6.0 (152)
OFCP	L4024xK1Q	Single unit	24	0.62 (15.6)	139 (207)	228 (400)	150 (670)	45 (200)	9.2 (235)	6.2 (156)
OFCR	L3018x401	Multi-unit	18	0.95 (24.1)	240 (358)	228 (400)	300 (1,340)	90 (400)	14.2 (362)	9.5 (241)
OFCR	L3024x401	Multi-unit	24	0.93 (23.6)	265 (396)	228 (400)	300 (1,340)	90 (400)	14.0 (354)	9.3 (236)
OFCR	L3036x401	Multi-unit	36	1.05 (26.7)	351 (523)	171 (300)	300 (1,340)	90 (400)	15.7 (400)	10.5 (267)
OFCR	L3048x401	Multi-unit	48	1.02 (26.0)	321 (479)	171 (300)	300 (1,340)	90 (400)	15.4 (390)	10.2 (260)
OFCR	L3072x401	Multi-unit	72	1.14 (28.9)	409 (610)	171 (300)	600 (2,700)	180 (800)	17.1 (434)	11.4 (289)
OFCR	L3096x401	Multi-unit	96	1.17 (29.7)	443 (660)	171 (300)	600 (2,700)	180 (800)	17.5 (445)	11.7 (297)
OFCR	L3144x401	Multi-unit	144	1.35 (34.2)	573 (854)	171 (300)	600 (2,700)	180 (800)	20.2 (513)	13.5 (342)
OFCP	L4018x401	Multi-unit	18	0.85 (21.7)	257 (383)	228 (400)	300 (1,340)	90 (400)	12.8 (326)	8.5 (217)
OFCP	L4024x401	Multi-unit	24	0.88 (22.4)	276 (412)	228 (400)	300 (1,340)	90 (400)	13.2 (335)	8.8 (224)
OFCP	L4036x401	Multi-unit	36	1.02 (25.8)	375 (559)	171 (300)	300 (1,340)	90 (400)	15.2 (387)	10.2 (258)
OFCP	L4048x401	Multi-unit	48	0.91 (23.1)	339 (505)	171 (300)	300 (1,340)	90 (400)	13.6 (347)	9.1 (231)
OFCP	L4072x401	Multi-unit	72	1.10 (27.9)	442 (659)	171 (300)	600 (2,700)	180 (800)	16.5 (418)	11.0 (279)

¹Part numbers listed above include aluminum interlock armored. Steel interlock armored available upon request.

SINGLE MODE OPTICAL FIBER TYPES

	Reduced Water Peak	TeraFlex® Bend Resistant		
		G.657.A1	G.657.A2	G.657.B3
¹ Replace "x" with:	3	K	J	L
Jacket Colors*		Yellow		

*Other jacket colors available upon request.

See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.

MULTIMODE OPTICAL FIBER TYPES

	TeraGain® 62.5/125	TeraFlex Bend Resistant Laser Optimized 50/125		
		10G/150	10G/300	10G/550
¹ Replace "x" with:	6	M	N	P
Jacket Colors*	Orange			