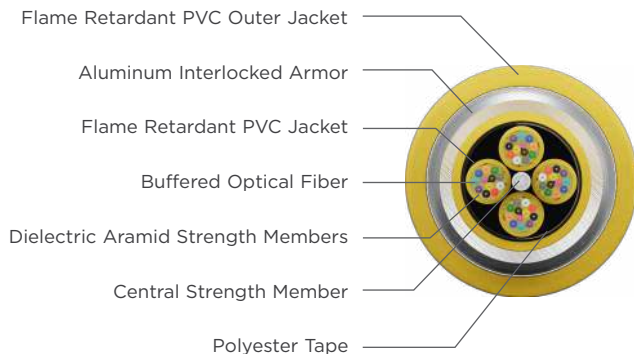


Interlock Armored, Tight Buffer

OFCR/OFCP



SPECIFICATIONS

Interlock Armored

Flexible, heavy duty interlocking aluminum 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

Performance Compliance

NFPA 262
Telcordia® GR-409-CORE, Issue 1
Telcordia GR-409-CORE, Issue 2
ANSI/ICEA S-83-596
ANSI/TIA-568.3-D

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

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 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

SUSTAINABILITY LEADERSHIP



RoHS REACH

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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	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	L4024x401	Multi-unit	24	0.90 (22.9)	280 (417)	228 (400)	300 (1,340)	90 (400)	13.5 (343)	9.0 (229)
OFCP	L4036x401	Multi-unit	36	1.02 (25.8)	372 (555)	171 (300)	300 (1,340)	90 (400)	15.2 (387)	10.2 (258)
OFCP	L4048x401	Multi-unit	48	1.02 (25.8)	362 (540)	171 (300)	300 (1,340)	90 (400)	15.2 (387)	10.2 (258)
OFCP	L4072x401	Multi-unit	72	1.17 (29.7)	484 (722)	171 (300)	600 (2,700)	180 (800)	17.5 (445)	11.7 (297)
OFCP	L4096x401	Multi-unit	96	1.35 (34.3)	566 (845)	171 (300)	600 (2,700)	180 (800)	20.3 (515)	13.5 (343)
OFCP	L4144x401	Multi-unit	144	1.35 (34.3)	662 (988)	171 (300)	600 (2,700)	180 (800)	20.3 (515)	13.5 (343)

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

SINGLE MODE OPTICAL FIBER TYPES			
	TeraFlex® Bend Resistant		
	G.657.A1	G.657.A2	G.657.B3
¹ Replace "x" with:	K	J	L
Jacket Colors*	Yellow		

MULTIMODE OPTICAL FIBER TYPES			
	TeraGain®	TeraFlex Bend Resistant Laser Optimized 50/125	
	62.5/125	OM3	OM4
¹ Replace "x" with:	6	N	P
Jacket Colors*	Orange	Aqua	

*Other jacket colors available upon request.
See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.