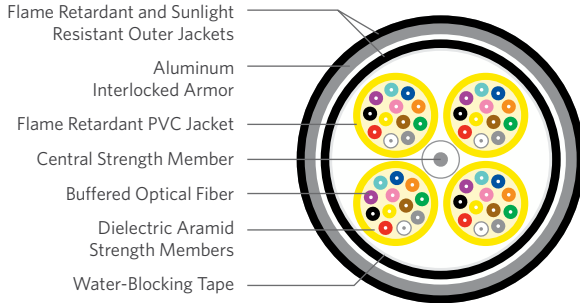


Indoor/Outdoor, Interlock Armored, Tight Buffer

OFCR/OFCP



SPECIFICATIONS

Interlock Armored	Flexible, heavy duty interlocking aluminum tape helically applied over the inner cable core; further protection is provided by flame retardant outer jacket
Outer Jacket	Black, FR, chemical resistant and sunlight resistant PVC UL 1569 UL 1651 CSA C22.2 No. 232 UL 1666
Performance Compliance	NFPA 130 (Plenum) NFPA 262 Telcordia GR-409-CORE, Issue 2 ANSI/ICEA S-104-696 ANSI/TIA-568.3-D
NRTL Programs	UL, c(UL) Listed OFCR UL, c(UL) Listed OFCP UL, c(UL) Listed Sunlight Resistant
Sustainability	UL Certified EPD HPD USGBC® Member RoHS-compliant/RoHS 2-compliant REACH-compliant

SUSTAINABILITY LEADERSHIP


RoHS REACH

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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 harsh 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

- Intra-building 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
- Full line of Superior Essex cables available

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
- Customized designs reduces cable inventory requirements

ENVIRONMENTAL SPECIFICATIONS

	Riser	Plenum
Operation	-40°C to +75°C	-40°C to +70°C
Storage/Shipping	-40°C to +75°C	-40°C to +70°C
Installation	-20°C to +65°C	0°C to +60°C



CAUTIONARY INFORMATION

- Do not use in conduit or direct burial which can flood. These cables are not designed for extended exposure to water.

PART NUMBER KEY

F	2	0	9	-	-	-	-	U	y	y	-	E	9	9	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Fiber cable	Listing	Cable type		-	Fiber count (002-048)			Fiber type			-	Jacket color	Package		Jacket print

Contact Customer Service for availability of non-standard offerings.

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									
OFCR	F108-002Uyy-E991	2	0.54 (13.8)	90 (134)	286 (500)	300 (1440)	90 (400)	21.8 (553)	10.9 (276)
OFCR	F108-004Uyy-E991	4	0.54 (13.8)	91 (135)	286 (500)	300 (1440)	90 (400)	21.8 (553)	10.9 (276)
OFCR	F108-006Uyy-E991	6	0.54 (13.8)	92 (137)	286 (500)	300 (1440)	90 (400)	21.8 (553)	10.9 (276)
OFCR	F108-008Uyy-E991	8	0.56 (14.1)	111 (165)	286 (500)	300 (1440)	90 (400)	22.2 (564)	11.1 (282)
OFCR	F108-012Uyy-E991	12	0.61 (15.6)	112 (167)	286 (500)	300 (1440)	90 (400)	24.6 (625)	12.3 (312)
OFCR	F108-024Uyy-E991	24	0.67 (17.0)	153 (229)	286 (500)	600 (2,700)	180 (800)	26.8 (680)	13.4 (340)
OFCP	L4002xW01	2	0.50 (12.7)	78 (116)	286 (500)	150 (670)	45 (200)	20.8 (528)	10.4 (264)
OFCP	L4004xW01	4	0.50 (12.7)	79 (118)	286 (500)	150 (670)	45 (200)	20.8 (528)	10.4 (264)
OFCP	L4006xW01	6	0.50 (12.7)	88 (131)	286 (500)	150 (670)	45 (200)	20.8 (528)	10.4 (264)
OFCP	L4008xW01	8	0.50 (12.7)	90 (134)	286 (500)	150 (670)	45 (200)	20.8 (528)	10.4 (264)
OFCP	L4012xW01	12	0.55 (13.9)	104 (155)	286 (500)	150 (670)	45 (200)	21.7 (552)	10.9 (276)
OFCP	L4024xKWQ	24	0.66 (16.8)	163 (243)	286 (500)	600 (2,700)	180 (800)	26.5 (672)	13.2 (336)
Multi-Unit									
OFCR	L3024xW01	24	0.93 (23.6)	265 (396)	228 (400)	600 (2,700)	180 (800)	35.7 (907)	17.8 (482)
OFCR	L3036xW01	36	1.05 (26.7)	351 (523)	171 (300)	600 (2,700)	180 (800)	42.0 (1066)	21.0 (533)
OFCR	L3048xW01	48	1.02 (26.0)	321 (479)	171 (300)	600 (2,700)	180 (800)	40.9 (1040)	20.5 (520)
OFCR	L3072xW01	72	1.14 (28.9)	409 (610)	171 (300)	600 (2,700)	180 (800)	44.7 (1135)	22.3 (567)
OFCR	L3096xW01	96	1.17 (29.7)	443 (660)	171 (300)	600 (2,700)	180 (800)	51.1 (1299)	25.6 (649)
OFCR	L3144xW01	144	1.35 (34.2)	573 (854)	171 (300)	600 (2,700)	180 (800)	55.2 (1402)	27.6 (701)
OFCP	F209-024Uyy-E991	24	1.40 (35.6)	297 (442)	228 (400)	600 (2,700)	180 (800)	36.9 (936)	18.4 (468)
OFCP	F209-036Uyy-E991	36	1.50 (38.1)	335 (499)	171 (300)	600 (2,700)	180 (800)	40.9 (1040)	20.5 (520)
OFCP	F209-048Uyy-E991	48	1.50 (38.1)	336 (500)	171 (300)	600 (2,700)	180 (800)	40.9 (1040)	20.5 (520)
OFCP	F209-072Uyy-E991	72	1.50 (38.1)	450 (670)	171 (300)	600 (2,700)	180 (800)	48.0 (1220)	24.0 (610)

¹Part numbers listed above are 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
Replace "x" with:	K	J	L
Replace "yy" with:	13	14	15
Typical Attenuation (dB/km)	0.32/0.32/0.18 (1310/1382/1550nm)		
Max Attenuation (dB/km)	0.5/0.5/0.5 (1310/1382/1550nm)		
Standard Jacket Color*	Black		

*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
	OM3	OM4	
Replace "x" with:	6	N	P
Replace "yy" with:	23	30	32
Minimum Bandwidth: OFL (MHz-km)	220/500 (850/1300nm)	—	—
Minimum Bandwidth: Laser EMB (MHz-km)	—	2000/500 (850/1300nm)	4700/500 (850/1300nm)
Typical Attenuation (dB/km)	2.5/0.7 (850/1300nm)		
Max Attenuation (dB/km)	3.5/1.5 (850/1300nm)		
Standard Jacket Color*	Black		

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