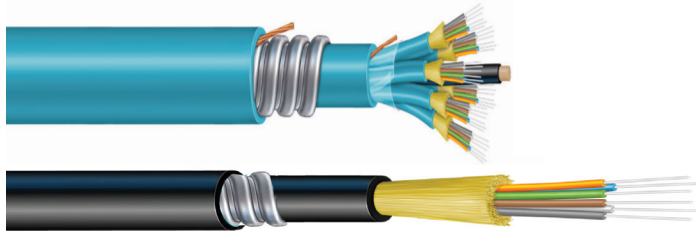


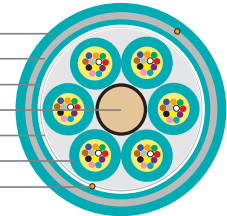


ezINTERLOCK™ | Indoor/Outdoor Tight Buffered

Riser and plenum rated cables



- Outer Jacket
- Interlock Armor
- Inner Jacket
- Central Strength Member
- Water Blocking Material
- Buffer Tube Containing up to 12 Fibers
- Ripcords



Incorporation of a formed, metallic armor outer layer enhances Prysmian's popular indoor/ outdoor tight buffered cables to enable superior crush resistance while ensuring maximum flexibility.

Overview

Prysmian's ezINTERLOCK™ cable family packages up to 144 color-coded 900µm tight buffered fibers into a single flame-retardant cable. This cable design is available in both riser rated and plenum rated versions to fulfill fire code requirements. The tight buffered cable design supports standard installation practices and may be easily terminated using established field connectorization methods.

Product Snapshot

Applications	Flame-rated and crush-resistant cable designs providing unsurpassed performance for intrabuilding applications requiring premium mechanical protection to cross floors in multi-level buildings or for placement in air handling spaces.
Constructions	Standard tight buffered cable designs with jacketed interlock armor
Fiber Count	2 to 144 (Riser) / 2 to 96 (Plenum)
Fiber Types	Single-mode (ESMF), multimode (62.5/125-OM1, 50/125-OM2+, OM3 & OM4)
Standards	ANSI/ICEA S-83-596, UL 1666, NFPA-262, CSA C22.2 No 230, Telcordia GR-409, CE RoHS Compliant
Registered Supplier	ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

Features and Benefits

- Interlock armor eliminates need for conduit and supports one-step installation
- 7x improvement in crush resistance over unarmored products
- 900µm tight buffered fibers designed to support rapid field termination
- Single-unit designs provide space savings and cost advantages
- Industry standard color coding for quick, error-free fiber identification
- Sub-unit construction improves organization and termination practices
- Available with bend-insensitive single-mode and multimode optical fibers
- Flexible, flame-retardant, and color coded outer jacket
- Supports all high performance networks including OM4/10 gigabit ethernet systems



ezINTERLOCK™ | Indoor/Outdoor Tight Buffered

Riser and plenum rated cables

Interlock Armor (aluminum)

ezINTERLOCK | Indoor-Outdoor Riser | C1181AJ Series | OFCR/FT4

Fiber Count	Fibers Per Subunit	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Maximum Installation Load lbf (N)	Maximum Operational Load lbf (N)
2	single-unit	0.52 (13.1)	121 (179)	10.4 (26.5)	5.2 (13.2)	300 (1335)	90 (400)
4	single-unit	0.56 (14.2)	128 (190)	11.2 (28.5)	5.6 (14.3)	300 (1335)	90 (400)
6	single-unit	0.56 (14.2)	132 (196)	11.2 (28.5)	5.6 (14.3)	300 (1335)	90 (400)
8	single-unit	0.57 (14.5)	135 (201)	11.4 (29.0)	5.7 (14.5)	300 (1335)	90 (400)
12	single-unit	0.61 (15.4)	146 (217)	12.2 (31.0)	6.1 (15.5)	300 (1335)	90 (400)
18	single-unit	0.62 (15.8)	149 (222)	12.4 (31.5)	6.2 (15.7)	300 (1335)	90 (400)
24	single-unit	0.63 (16.0)	161 (240)	12.6 (32.0)	6.3 (16.0)	300 (1335)	90 (400)
18	6	0.89 (22.6)	306 (455)	17.8 (45.3)	8.9 (22.6)	600 (2670)	180 (801)
24	6	0.89 (22.6)	296 (440)	17.8 (45.3)	8.9 (22.6)	600 (2670)	180 (801)
36	6	0.99 (25.2)	406 (603)	19.8 (50.3)	9.9 (25.2)	600 (2670)	180 (801)
48	12	1.00 (25.2)	396 (589)	20.0 (50.8)	10.0 (25.4)	600 (2670)	180 (801)
60	12	1.07 (27.2)	444 (660)	21.4 (54.4)	10.7 (27.2)	600 (2670)	180 (801)
72	12	1.15 (29.2)	504 (750)	23.0 (58.5)	11.5 (29.3)	600 (2670)	180 (801)
96	12	1.29 (32.6)	603 (897)	25.8 (65.6)	12.9 (32.8)	600 (2670)	180 (801)
144	12	1.41 (35.8)	713 (1060)	28.2 (71.7)	14.1 (35.9)	600 (2670)	180 (801)

Interlock Armor (Aluminum)

ezINTERLOCK | LSZH | Indoor-Outdoor Riser | 700AJ Series | OFCR-LS/FT4

Fiber Count	Per Subunit	Inches (mm)	lb/kft (kg/km)	Load Inches (cm)	No Load inches (cm)	Installation Load lbf (N)	Operational Load lbf (N)
2	single-unit	0.506 (12.9)	93 (139)	10.4 (26.5)	5.2 (13.2)	100 (445)	30 (133)
4	single-unit	0.515 (13.1)	99(147)	11.0 (28.0)	5.5 (14.0)	100 (445)	30 (133)
6	single-unit	0.516 (13.1)	98(146)	11.2 (28.5)	5.6 (14.3)	100 (445)	30 (133)
8	single-unit	0.544 (13.8)	106 (159)	11.6 (29.5)	5.8 (14.8)	100 (445)	30 (133)
12	single-unit	0.554(14.1)	111 (166)	11.8 (30.0)	5.9 (15.0)	150 (666)	45 (200)
18	single-unit	0.63 (16.0)	149 (222)	12.6 (32.0)	6.3 (16.0)	300 (1335)	90 (400)
24	single-unit	0.63 (16.0)	161 (240)	12.6 (32.0)	6.3 (16.0)	300 (1335)	90 (400)

Temperature Range

Shipping and Storage:	(Riser)	-40° F to +176° F	(-40° C to +80° C)
	(Plenum)	-40° F to +176° F	(-40° C to +80° C)
Installation:	(Riser)	+14° F to +140° F	(-10° C to +60° C)
	(Plenum)	+32° F to +140° F	(0° C to +60° C)
Operation:	(Riser)	-40° F to +176° F	(-40° C to +80° C)
	(Plenum)	+32° F to +176° F	(0° C to +80° C)

ezINTERLOCK™ | Indoor/Outdoor Tight Buffered

Riser and plenum rated cables

Interlock Armor (aluminum)

ezINTERLOCK | Indoor-Outdoor Plenum | C1182A Series | OFCP/FT6

Fiber Count	Fibers Per Subunit	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Maximum Installation Load lbf (N)	Maximum Operational Load lbf (N)
2	single-unit	0.47 (11.9)	85 (131)	9.4 (23.9)	4.7 (11.9)	150 (666)	45 (199.8)
4	single-unit	0.47 (11.9)	89 (134)	9.4 (23.9)	4.7 (11.9)	150 (666)	45 (199.8)
6	single-unit	0.48 (12.1)	91 (136)	9.6 (24.4)	4.8 (12.2)	150 (666)	45 (199.8)
8	single-unit	0.49 (12.3)	95 (141)	9.8 (24.9)	4.9 (12.5)	150 (666)	45 (199.8)
12	single-unit	0.52 (13.2)	100 (148)	10.4 (26.5)	5.2 (13.2)	150 (666)	45 (199.8)
18	single-unit	0.54 (13.6)	114 (170)	10.7 (27.2)	5.4 (13.6)	150 (666)	45 (199.8)
24	single-unit	0.58 (14.7)	131 (195)	11.6 (29.5)	5.8 (14.8)	150 (666)	45 (199.8)
18	6	0.73 (18.5)	186 (276)	14.6 (37.1)	7.3 (18.6)	400 (1800)	120 (540)
24	6	0.73 (18.5)	188 (279)	14.6 (37.1)	7.3 (18.6)	400 (1800)	120 (540)
36	6	0.88 (22.3)	323 (481)	17.4 (44.2)	8.7 (22.1)	400 (1800)	120 (540)
48	12	0.88 (22.3)	315 (468)	17.4 (44.2)	8.7 (22.1)	400 (1800)	120 (540)
60	12	0.94 (23.2)	402 (598)	19.0 (48.3)	9.5 (24.2)	400 (1800)	120 (540)
72	12	1.02 (25.5)	463 (689)	20.3 (51.6)	10.2 (25.8)	600 (2670)	180 (801)
96	12	1.14 (28.9)	600 (893)	23.2 (59.0)	11.6 (29.5)	600 (2670)	180 (801)

Temperature Range

Shipping and Storage:	(Riser)	-40° F to +176° F	(-40° C to +80° C)
	(Plenum)	-40° F to +176° F	(-40° C to +80° C)
Installation:	(Riser)	+14° F to +140° F	(-10° C to +60° C)
	(Plenum)	+32° F to +140° F	(0° C to +60° C)
Operation:	(Riser)	-40° F to +176° F	(-40° C to +80° C)
	(Plenum)	+32° F to +176° F	(0° C to +80° C)

