


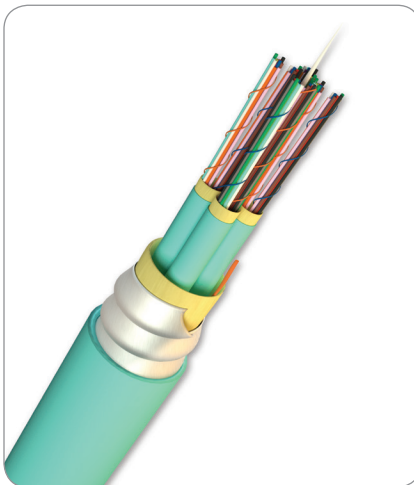
Ruggedized Indoor/Outdoor Breakout Cable

Interlocking Armor Technology

Jacketed aluminum interlocking armor provides the best balance of ruggedness, flexibility, and low weight. Flame rated armored cables with no outer jacket and flame rated armored cables with steel interlocking armor are also available. Interlocking armor can also be used with all types of premise cables including Distribution, Indoor/Outdoor Distribution, Breakout and Premise MicroCore®.

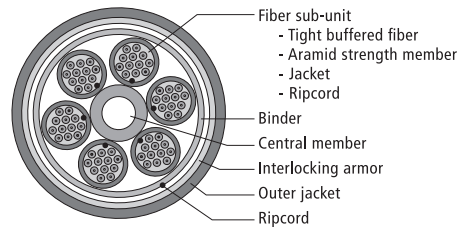
Applications

- Routing inside of buildings where additional ruggedness is required or where increased rodent resistance is required
- Extra protection for fiber optic cables in harsh industrial environments
- Manufacturing plants
- High-density routings in data center applications
- Approved for use in mining applications
- For cables that can be armored, look for the armor shield icon 

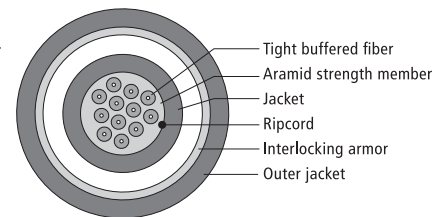


Sub-unitized Premise MicroCore® with SpiderWeb Ribbon® Technology

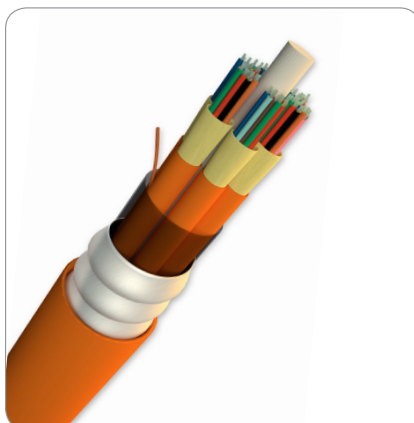
Cable Components



High Fiber Count Circular Premise Cable



Circular Premise Cable



Multi-unit Circular Premise Cable



Interlocking Armor Technology

Aluminum Interlocking Armor (AIA) Sizing Chart

MAX CORE OD		OD WITH ARMOR AND JACKET		ARMOR AND JACKET WEIGHT (ADD TO CORE CABLE)						BEND RADIUS INCH (MM)			
				PLENUM PVC (OFPC) AIAI		RISER PVC (OFCR) AIAI		LSZH AIAL		SHORT TERM		LONG TERM	
INCH	MM	INCH	MM	LBS/1000FT	KG/KM	LBS/1000FT	KG/KM	LBS/1000FT	KG/KM	INCH	CM	INCH	CM
0.17	4.4	0.52	11.9	67	100	60	90	67	100	5	12	7	18
0.22	5.6	0.56	13.3	77	115	70	105	77	115	5	13.5	8	20
0.26	6.6	0.62	14.3	87	130	77	115	87	130	6	14.5	8	21.5
0.33	8.4	0.68	15.9	97	145	87	130	97	145	6	16	9	24
0.37	9.4	0.74	17.3	107	160	97	145	107	160	7	17.5	10	26
0.42	10.7	0.77	18.7	121	180	107	160	117	175	7	18.5	11	28
0.46	11.7	0.83	19.7	127	190	114	170	124	185	8	19.5	12	29.5
0.52	13.1	0.87	21.1	138	205	124	185	138	205	8	21	12	31.5
0.56	14.2	0.96	22.1	148	220	134	200	144	215	9	22	13	33
0.63	16.1	1.02	24.3	161	240	144	215	161	240	10	24.5	14	36.5
0.69	17.4	1.07	25.9	171	255	154	230	168	250	10	26	15	39
0.74	18.7	1.12	27.1	185	275	164	245	181	270	11	27	16	40.5
0.78	19.8	1.17	28.4	191	285	171	255	188	280	11	28.5	17	42.5
0.83	21.1	1.22	29.7	201	300	181	270	198	295	12	29.5	18	44.5
0.88	22.3	1.27	31.0	211	315	191	285	211	315	12	31	18	46.5
0.92	23.3	1.30	32.2	221	330	198	295	218	325	13	32	19	48.5
0.96	24.4	1.39	33.0	231	345	208	310	228	340	13	33	19	49.5
1.04	26.3	1.39	35.3	242	360	218	325	242	360	14	35.5	21	53

Cable Length - Reel Size

ITEM	REEL F	REEL G
Reel Height (inches)	42	60
Reel Outside Width (inches)	36	36
Drum Diameter (inches)	23	30
Reel Weight (lbs)	148	287
CAPACITY: METERS (FEET)		
4 Fiber w/Interlocking Armor	2,600 (8,530)	5,000 (16,404)
6 Fiber w/Interlocking Armor	2,600 (8,530)	5,000 (16,404)
8 Fiber w/Interlocking Armor	2,600 (8,530)	5,000 (16,404)
12 Fiber w/Interlocking Armor	2,250 (7,382)	4,800 (15,748)
18 Fiber w/Interlocking Armor	1,700 (5,577)	3,600 (11,811)
24 Fiber w/Interlocking Armor	1,500 (4,921)	3,200 (10,500)

Temperature Specifications

	TEMPERATURE RANGE	
	PLENUM	RISER
INSTALLATION	0°C to +70°C	-10°C to +70°C
OPERATING	0°C to +70°C	-10°C to +70°C
STORAGE	-40°C to +75°C	-40°C to +75°C