

Ruggedized Indoor/Outdoor Breakout Cable


Interlocking Armor Technology

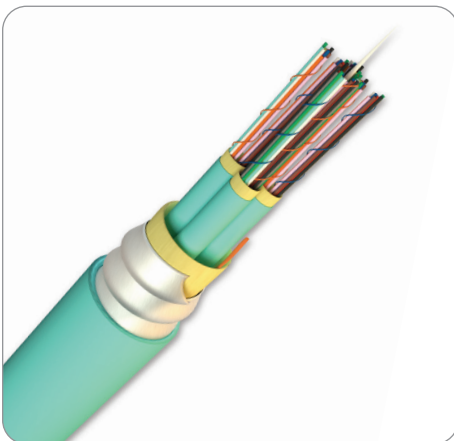
Jacketed aluminum interlocking armor provides the best balance of ruggedness, flexibility, and low weight. Flame-rated armored cables with no outer jacket and flame-rated armored cables with steel interlocking armor are also available. Interlocking armor can also be used with all types of premise cables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

Features

- Jacketed aluminum interlocking armor
- Flame-rated armor
- For use with all types of premise cables – distribution, indoor/outdoor distribution, breakout and premise MicroCore

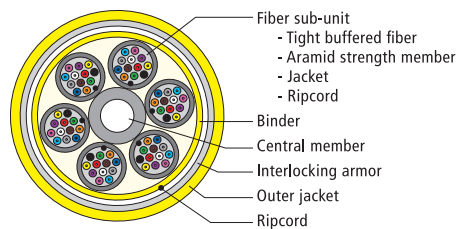
Applications

- 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 

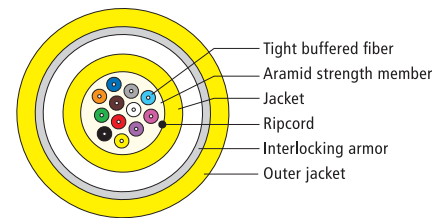


Sub-unitized Premise MicroCore® with SpiderWeb Ribbon® Technology

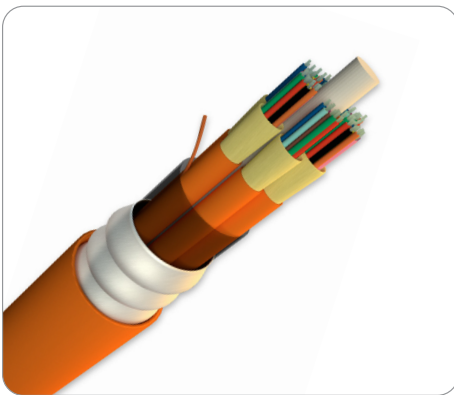
Cable Components



High Fiber Count Circular Premise Cable



Circular Premise Cable



Multi-unit Circular Premise Cable

continued
→

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 (OFCP) AIAP		RISER PVC (OFCR) AIAR		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	0.47	11.9	67	100	60	90	67	100	7	18	5	12
0.22	5.6	0.52	13.3	77	115	70	105	77	115	8	20	5	13.5
0.26	6.6	0.56	14.3	87	130	77	115	87	130	8	21.5	6	14.5
0.33	8.4	0.62	15.9	97	145	87	130	97	145	9	24	6	16
0.37	9.4	0.68	17.3	107	160	97	145	107	160	10	26	7	17.5
0.42	10.7	0.74	18.7	121	180	107	160	117	175	11	28	7	18.5
0.46	11.7	0.77	19.7	127	190	114	170	124	185	12	29.5	8	19.5
0.52	13.1	0.83	21.1	138	205	124	185	138	205	12	31.5	8	21
0.56	14.2	0.87	22.1	148	220	134	200	144	215	13	33	9	22
0.63	16.1	0.96	24.3	161	240	144	215	161	240	14	36.5	10	24.5
0.69	17.4	1.02	25.9	171	255	154	230	168	250	15	39	10	26
0.74	18.7	1.07	27.1	185	275	164	245	181	270	16	40.5	11	27
0.78	19.8	1.12	28.4	191	285	171	255	188	280	17	42.5	11	28.5
0.83	21.1	1.17	29.7	201	300	181	270	198	295	18	44.5	12	29.5
0.88	22.3	1.22	31.0	211	315	191	285	211	315	18	46.5	12	31
0.92	23.3	1.27	32.2	221	330	198	295	218	325	19	48.5	13	32
0.96	24.4	1.30	33.0	231	345	208	310	228	340	19	49.5	13	33
1.04	26.3	1.39	35.3	242	360	218	325	242	360	21	53	14	35.5

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
Telcordia	GR-20-CORE GR-409-CORE	Water-Blocked Cabled Buffer Tube Core Sub-units
EIA/TIA	598-A	Sub-units
NFPA		Cable Armor
ICEA	S-104-696	Sub-units
MSHA*		
RoHS	2002/95/EC	Cable

* Only with MSHA-approved base cables

Temperature Specifications

	PLENUM	RISER
Installation	0°C to +70°C	-10°C to +70°C
Operation	0°C to +70°C	-10°C to +70°C
Storage	-40°C to +75°C	-40°C to +75°C

Contact AFL for further details.