

Tight Buffer Distribution Interlock Armored Riser Cable

Type OFCR, CSA FT4



Product Construction:

Fiber:

- 2–144 fibers
- 900 µm tight buffer
- Color-coding per TIA/EIA 598 B

Overall Strength Member:

- Water-swellable aramid fiber yarn

Inner Jacket:

- Flame-retardant compound

Armor:

- Interlock aluminum

Outer Jacket:

- UV-resistant black jacket
- Flame-retardant compound
- Sequential footage markings*

Features:

- Interlock armor provides outstanding mechanical protection
- Interlock armor is flexible and easy to use
- Tight buffer provides individual fiber protection
- Sub-units are numbered for identification

Performance:

- Temperature:
 - Storage -40°C (-40°F) to +70°C (+158°F)
 - Installation 0°C (+32°F) to +50°C (+122°F)
 - Operating -20°C (-4°F) to +70°C (+158°F)
- Minimum Bend Radius:
 - 20 X OD—Installation
 - 10 X OD—In-Service
- Maximum Crush Resistance:
 - 1,500 lbs/in (2,627 N/cm)

Applications:

- Harsh premises environments requiring heavy-duty protection
- Outdoor use in ducts and underground conduits
- ETL Type OFCR for installation in any premises location when installed in accordance with NEC article 770.154 and 770.179

Compliances:

- ETL Listed Type OFCR
- CSA FT4
- TIA 568 C.3
- ICEA S-104-696
- GR-409
- RoHS Compliant Directive 2011/65/EU

Note:

Armored cable without an outer jacket available upon request (-IL)

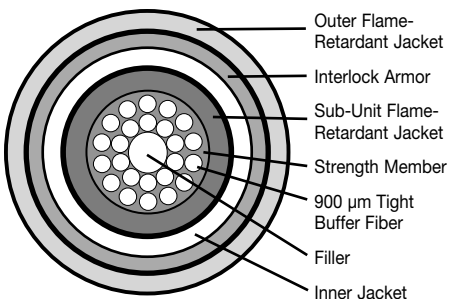
*Sequential meter markings available upon request

CATALOG NUMBER	FIBER COUNT	NO. OF SUB-UNITS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
							LBS	N	LBS	N
XX0021ANR-ILRA	2	—	0.52	13	85	126	550	2447	165	734
XX0041ANR-ILRA	4	—	0.53	14	91	136	550	2447	165	734
XX0061ANR-ILRA	6	—	0.53	14	94	140	550	2447	165	734
XX0121ANR-ILRA	12	—	0.53	14	100	149	550	2447	165	734
XX0241ANR-ILRA	24	—	0.67	17	144	214	550	2447	165	734
XX0241A1R-ILRA	24	4	0.87	22	238	354	1000	4448	300	1334
XX0361A1R-ILRA	36	6	0.99	25	360	536	1000	4448	300	1334
XX0481A1R-ILRA	48	4	0.99	25	330	491	1000	4448	300	1334
XX0601A1R-ILRA	60	5	1.04	26	364	542	1000	4448	300	1334
XX0721A1R-ILRA	72	6	1.09	28	422	628	1000	4448	300	1334
XX0961A1R-ILRA	96	8	1.24	32	543	808	1000	4448	335	1490
XX1201A1R-ILRA	120	10	1.39	35	584	869	1000	4448	335	1490
XX1441A1R-ILRA	144	12	1.39	35	555	826	1000	4448	335	1490

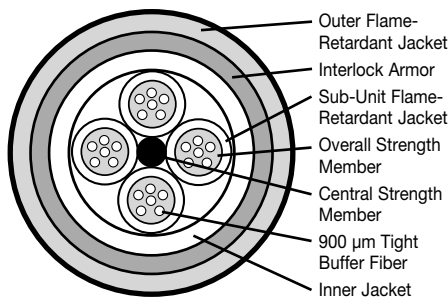
XX denotes glass type.

A complete listing of NextGen® Brand glass types is specified on page 3 of this catalog.

Typical Cross-Sections



ANR-ILRA ≤ 24 Fiber



A1R-ILRA ≥ 24 Fiber

Hybrid designs (containing singlemode and multimode fiber) and composite designs (containing copper conductors) are also available.

Ordering Part Number Example

BE0241ANR-ILRA or BE0241A1R-ILRA

50 µm multimode, 24 fibers, tight buffer distribution interlock armor riser
Please see pages 4 and 5 for a complete guide on part number selection and ordering information.

