

Tight Buffer Breakout Riser Cable

Type OFNR, CSA FT4

Product Construction:

Fiber:

- 2–24 fibers
- 900 µm white tight buffer
- 2.4 mm jacketed sub-units, with overall jacket color coding

Central Strength Member:

- Aramid fiber yarn
- Optional epoxy glass rod (BIR)

Overall Strength Member:

- Aramid fiber yarn

Jacket:

- Flame-retardant compound
- Sequential footage markings*
- Orange jacket—multimode fibers (except 10 Gbps)
- Aqua jacket—10 Gbps multimode fibers
- Yellow jacket—singlemode fibers

Features:

- Rugged individual fiber protection
- Easily terminated with fiber sub-units
- Heavy-duty premises applications
- 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:
 - 1000 lbs/in (1750 N/cm)
- Maximum Vertical Rise—1,640 ft (500 m)

Applications:

- Intra-building voice or data communication backbones
- ETL Listed Type OFNR for installation in vertical riser and general horizontal applications when installed in accordance with NEC article 770.154 and 770.179

Compliances:

- ETL Listed Type OFNR
- CSA FT4
- TIA 568 C.3
- ICEA S-83-596
- GR-409
- RoHS Compliant Directive 2011/65/EU

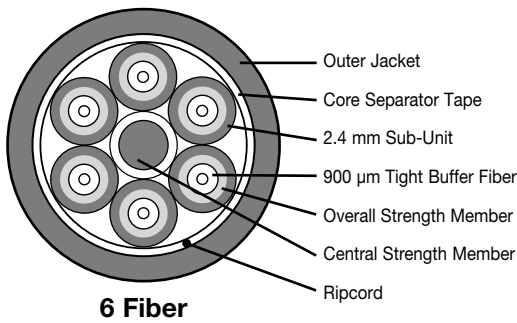
*Sequential meter markings available upon request



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
XX0021B3R	2	2	0.27	7	28	41	270	1200	110	490	
XX0041B3R	4	4	0.31	8	37	54	450	2000	180	800	
XX0061B3R	6	6	0.37	9	51	76	450	2000	180	800	
XX0081B3R	8	8	0.43	11	71	106	600	2670	200	890	
XX0121B3R	12	12	0.47	12	79	117	790	3515	270	1200	
XX0181B3R	18	18	0.56	14	111	165	1000	4450	400	1780	
XX0241B3R	24	24	0.65	16	153	228	1230	5470	450	2000	

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

Typical Cross-Section



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

Ordering Part Number Example

BE0121B3R

50 µm multimode, 12 fibers, tight buffer breakout riser
Please see pages 4 and 5 for a complete guide on part number selection and ordering information.