

# Loose Tube Single Jacket Riser Cable

Type OFNR, CSA



### Product Construction:

#### Fiber:

- 2–144 fibers
- Dry loose tube with super-absorbent polymer
- Color-coding per TIA/EIA 598 B

#### Central Strength Member:

- Epoxy/glass rod

#### Overall Strength Member:

- Aramid fiber yarn

#### Jacket:

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

#### Options:

- Interlock steel or aluminum (-ILR or -ILRA)
- Dry Water Block cable core for ease of handling (gel tubes)

#### Features:

- Dry loose tube for ease of termination
- Riser rated for indoor applications

#### 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:
  - 150 lbs/in (263 N/cm)
- Maximum Vertical Rise—1,640 ft (500 m)

#### Applications:

- Interbuilding and intrabuilding voice or data communication backbones
- Installed in ducts, underground conduits or aerial/lashed
- 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
- ICEA S-104-696
- RoHS Compliant Directive 2011/65/EU

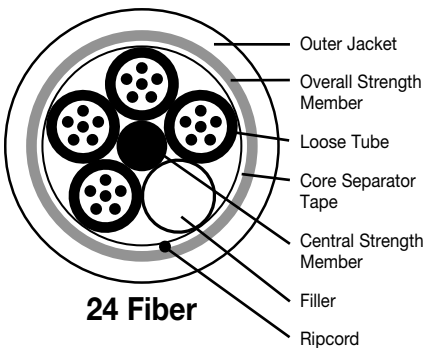
\*Sequential meter markings available upon request

CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD				
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE		
								LBS	N	LBS	N
XX0023M1M-DT	2	2	0.36	9	52	78	600	2670	200	890	
XX0044M1M-DT	4	1	0.36	9	53	79	600	2670	200	890	
XX0064M1M-DT	6	1	0.36	9	53	80	600	2670	200	890	
XX0084M1M-DT	8	2	0.36	9	52	78	600	2670	200	890	
XX0124M1M-DT	12	2	0.36	9	52	78	600	2670	200	890	
XX0184M1M-DT	18	3	0.36	9	52	77	600	2670	200	890	
XX0244M1M-DT	24	4	0.36	9	51	76	600	2670	200	890	
XX0364M1M-DT	36	6	0.38	9	58	86	600	2670	200	890	
XX0484M1M-DT	48	4	0.42	11	64	96	600	2670	200	890	
XX0604M1M-DT	60	5	0.42	11	62	92	600	2670	200	890	
XX0724M1M-DT	72	6	0.45	11	75	112	600	2670	200	890	
XX0964M1M-DT	96	8	0.57	15	109	162	600	2670	200	890	
XX1444M1M-DT	144	12	0.69	18	169	251	600	2670	200	890	

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.

For complete listing of all fiber counts offered, please contact your General Cable sales representative.

### Ordering Part Number Example

**AQ0124M1M-DT**

Singlemode, 12 fibers, loose tube riser

Please see pages 4 and 5 for a complete guide on part number selection and ordering information.

