

Loose Tube Dual Jacket Riser Cable—Chemical-Resistant Type OFNR

Product Construction:

Fiber:

- 2–216 fibers
- Dry loose tube with super-absorbent polymer
- Color-coding per TIA/EIA 598B

Central Strength Member:

- Epoxy/glass rod

Overall Strength Member:

- Aramid fiber yarn

Inner Jacket:

- PVC UV-, moisture-resistant and flame-retardant material

Outer Jacket:

- CDE black UV-, moisture-resistant and flame-retardant material
- Sequential footage markings*

Options:

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

Features:

- Excellent chemical resistance
- Dual-jacketed for harsh environments
- Riser-rated for indoor applications
- UV- and moisture-resistant for outdoor applications
- Dry loose tube for ease of termination
- Excellent abrasion resistance

Performance:

- Temperature: Storage -40°C (-40°F) to +70°C (+158°F) Operating -40°C (-40°F) to +70°C (+158°F)
- Minimum Bend Radius: 20 X OD—Installation 10 X OD—In-Service
- Maximum Crush Resistance: 500 lbs/in (875 N/cm)
- Maximum Vertical Rise—1,640 ft (500 m)

Applications:

- Interbuilding and intrabuilding voice or data communication backbones
- Installed in ducts, aerial/lashed or direct burial
- UL Listed Type OFNR for installation in vertical riser and general horizontal applications when installed in accordance with NEC article 770-51 (b) and 770-53 (b)

Compliances:

- UL and c(UL) Listed Type OFNR
- ICEA S-104-696
- RoHS Compliant Directive 2002/95/EC

*Sequential meter markings available upon request

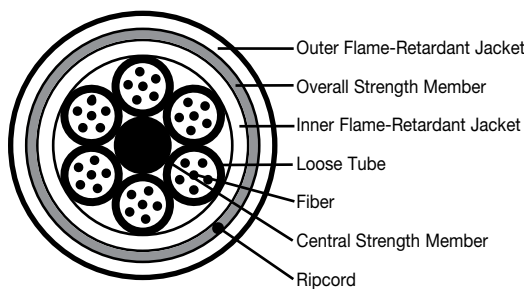


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
							LBS	N	LBS	N
XX0023H1M-DT	2	2	.42	11	75	112	600	2670	200	890
XX0044H1M-DT	4	1	.42	11	75	112	600	2670	200	890
XX0064H1M-DT	6	1	.42	11	75	112	600	2670	200	890
XX0084H1M-DT	8	2	.42	11	75	112	600	2670	200	890
XX0124H1M-DT	12	2	.42	11	75	112	600	2670	200	890
XX0184H1M-DT	18	3	.42	11	75	112	600	2670	200	890
XX0244H1M-DT	24	4	.42	11	75	112	600	2670	200	890
XX0364H1M-DT	36	6	.45	11	84	125	600	2670	200	890
XX0484H1M-DT	48	4	.48	12	96	142	600	2670	200	890
XX0604H1M-DT	60	5	.48	12	94	139	600	2670	200	890
XX0724H1M-DT	72	6	.52	13	109	162	600	2670	200	890
XX0964H1M-DT	96	8	.59	15	144	214	600	2670	200	890
XX1204H1M-DT	120	10	.66	17	171	255	600	2670	200	890
XX1444H1M-DT	144	12	.73	18	210	312	600	2670	200	890
XX1924H1M-DT	192	16	.73	19	217	323	600	2670	200	890
XX2164H1M-DT	216	18	.73	19	210	313	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



36 Fiber

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

Ordering Part Number Example

CG0124H1M-DT

62.5 mm multimode, 12 fibers, loose tube DJ riser – chemical-resistant

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

