

Loose Tube Single Jacket Armored Cable

Product Construction:

Fiber:

- 2-312 fibers
- Loose tube gel-filled
- Color-coding per TIA/EIA 598 B

Central Strength Member:

- Epoxy/glass rod

Armor:

- Corrugated coated steel tape

Outer Jacket:

- Black UV- and moisture-resistant polyethylene (PE)
- Sequential footage markings*

Features:

- Loose tube gel-filled construction for superior fiber protection
- UV- and moisture-resistant design
- Rodent-resistant construction
- Dry Water Block cable core for ease of handling

Performance:

- Temperature:
 - Storage -40°C (-40°F) to +75°C (+167°F)
 - Installation -30°C (-22°F) to +60°C (+140°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:
 - Short - 125 lbs/in (220 N/cm)
 - Long - 63 lbs/in (110 N/cm)

Applications:

- Interbuilding voice or data communication backbones
- Installed in ducts, underground conduits, aerial/lashed or direct buried

Compliances:

- ANSI/TIA/EIA 568 B.3
- ICEA S-87-640
- Rural Utilities Service (RUS) 7 CFR 1755.900 (REA PE-90)
- GR-20 Verified
- RoHS Compliant Directive 2002/95/EC

Options:

- Gel-free tube versions also available, use “-DT” suffix (XX0124M1F-DT)**
- Alternate 6-fiber per tube available upon request

*Sequential meter markings available upon request

**DT-Max 216 Fiber (call to request cable dimensions)

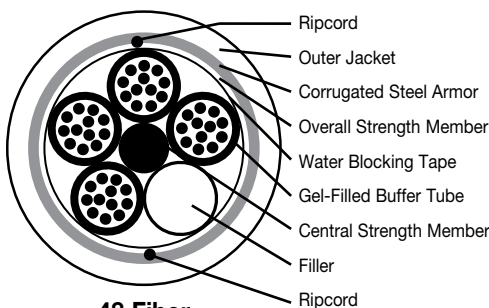


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
				IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
								LBS	N	LBS	N
XX0023M1F-DWB	2	2	3	0.48	12.1	91	135	600	2670	180	800
XX0044M1F-DWB	4	1	4	0.48	12.1	91	135	600	2670	180	800
XX0064M1F-DWB	6	1	4	0.48	12.1	91	135	600	2670	180	800
XX0084M1F-DWB	8	1	4	0.48	12.1	91	135	600	2670	180	800
XX0124M1F-DWB	12	1	4	0.48	12.1	91	135	600	2670	180	800
XX0184M1F-DWB	18	2	3	0.48	12.1	91	135	600	2670	180	800
XX0244M1F-DWB	24	2	3	0.48	12.1	91	135	600	2670	180	800
XX0364M1F-DWB	36	3	2	0.48	12.1	91	135	600	2670	180	800
XX0484M1F-DWB	48	4	1	0.48	12.1	91	135	600	2670	180	800
XX0604M1F-DWB	60	5	0	0.48	12.1	91	135	600	2670	180	800
XX0724M1F-DWB	72	6	0	0.54	13.6	109	162	600	2670	180	800
XX0964M1F-DWB	96	8	0	0.60	15.3	129	191	600	2670	180	800
XX1204M1F-DWB	120	10	0	0.68	17.2	161	239	600	2670	180	800
XX1444M1F-DWB	144	12	0	0.75	19.1	193	287	600	2670	180	800
XX1924M1F-DWB	192	16	2	0.76	19.4	189	281	600	2670	180	800
XX2164M1F-DWB	216	18	0	0.76	19.4	189	281	600	2670	180	800
XX2404M1F-DWB	240	20	2	0.82	20.7	212	315	600	2670	180	800
XX2644M1F-DWB	264	22	0	0.82	20.7	212	315	600	2670	180	800
XX2884M1F-DWB	288	24	0	0.85	21.7	236	351	600	2670	180	800
XX3124M1F-DWB	312	26	0	0.91	23.0	258	384	600	2670	180	800

XX denotes glass type.

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

Typical Cross-Section



48 Fiber

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.

Factory-installed eyelet option for quick cable-pull setups available.

Ordering Part Number Example

CG0124M1F-DWB

62.5 mm multimode, 12 fibers, loose tube SJ armored

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