

# Loose Tube Single Jacket Cable

## Product Construction:

### Fiber:

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

### Central Strength Member:

- Epoxy/glass rod

### 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
- 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 conduit or aerial/lashed

## Compliances:

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

## Options:

- Gel-free tube versions also available, use “-DT” suffix (XX0124M1A-DT)
- Alternate 6-fiber per tube available upon request

\*Sequential meter markings available upon request

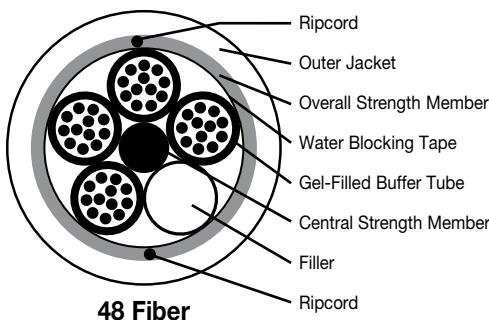


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
				IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
								LBS	N	LBS	N
XX0023M1A-DWB	2	2	3	0.44	11.1	55	82	600	2700	180	800
XX0044M1A-DWB	4	1	4	0.44	11.1	55	82	600	2700	180	800
XX0064M1A-DWB	6	1	4	0.44	11.1	55	82	600	2700	180	800
XX0084M1A-DWB	8	1	4	0.44	11.1	55	82	600	2700	180	800
XX0124M1A-DWB	12	1	4	0.44	11.1	55	82	600	2700	180	800
XX0184M1A-DWB	18	2	3	0.44	11.1	55	82	600	2700	180	800
XX0244M1A-DWB	24	2	3	0.44	11.1	55	82	600	2700	180	800
XX0364M1A-DWB	36	3	2	0.44	11.1	55	82	600	2700	180	800
XX0484M1A-DWB	48	4	1	0.44	11.1	55	82	600	2700	180	800
XX0604M1A-DWB	60	5	0	0.44	11.1	55	82	600	2700	180	800
XX0724M1A-DWB	72	6	0	0.47	12.0	66	98	600	2700	180	800
XX0964M1A-DWB	96	8	0	0.54	13.7	84	125	600	2700	180	800
XX1204M1A-DWB	120	10	0	0.61	15.4	106	158	600	2700	180	800
XX1444M1A-DWB	144	12	0	0.68	17.3	132	197	600	2700	180	800
XX1924M1A-DWB	192	16	2	0.69	17.6	128	191	600	2700	180	800
XX2164M1A-DWB	216	18	0	0.69	17.6	128	191	600	2700	180	800
XX2404M1A-DWB	240	20	2	0.75	19.0	153	228	600	2700	180	800
XX2644M1A-DWB	264	22	0	0.75	19.0	153	228	600	2700	180	800
XX2884M1A-DWB	288	24	0	0.79	20.0	171	255	600	2700	180	800
XX3124M1A-DWB	312	26	0	0.84	21.3	191	285	600	2700	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



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

**CG0124M1A-DWB**

62.5 mm multimode, 12 fibers, loose tube SJ

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