

Loose Tube Single Jacket Self-Supporting (Figure-8) Cable

Product Construction:

Fiber:

- 2-216 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*

Messenger Wire:

- 1/4" stranded EHS galvanized steel
- MRCL with messenger** = 14,923 N/3,350 kF

Features:

- Loose tube gel-filled construction for superior fiber protection
- UV- and moisture-resistant design
- Self-supporting figure-8 design

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 aerially

Compliances:

- Tested in accordance with EIA/TIA-455 FOTPs
- ICEA S-87-640
- GR-20
- RoHS Compliant Directive 2011/65/EU

Options:

- Alternate 6-fiber per tube available upon request

*Sequential meter markings available upon request

**Installation load should be lower than maximum rated cable load to allow for wind and ice loading in accordance with NESC guidelines.

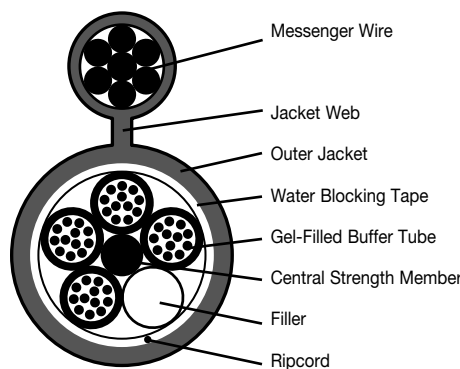


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER X CABLE HEIGHT		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD WITHOUT MESSENGER			
				IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
XX0023M1Y-DWB	2	2	3	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0044M1Y-DWB	4	1	4	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0064M1Y-DWB	6	1	4	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0084M1Y-DWB	8	1	4	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0124M1Y-DWB	12	1	4	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0184M1Y-DWB	18	2	3	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0244M1Y-DWB	24	2	3	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0364M1Y-DWB	36	3	2	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0484M1Y-DWB	48	4	1	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0604M1Y-DWB	60	5	0	0.465 x 0.925	11.8 x 23.5	208	310	600	2700	180	800
XX0724M1Y-DWB	72	6	0	0.500 x 0.957	12.7 x 24.3	217	323	600	2700	180	800
XX0964M1Y-DWB	96	8	0	0.567 x 1.028	14.4 x 26.1	236	351	600	2700	180	800
XX1204M1Y-DWB	120	10	2	0.697 x 1.157	17.7 x 29.4	278	426	600	2700	180	800
XX1444M1Y-DWB	144	12	0	0.697 x 1.157	17.7 x 29.4	278	426	600	2700	180	800
XX1924M1Y-DWB	192	16	2	0.709 x 1.169	18.0 x 29.7	286	414	600	2700	180	800
XX2164M1Y-DWB	216	18	0	0.709 x 1.169	18.0 x 29.7	286	414	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



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.

Ordering Part Number Example

AQ0244M1Y-DWB

Singlemode, 24 fibers, loose tube (figure 8)

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

Installation Notes:

The Maximum Tensile Load in the data table refers to the cable core only. Users should base sag and tension calculations on 1/4" EHS messenger per local guidelines and practices. Additional data is available upon request.