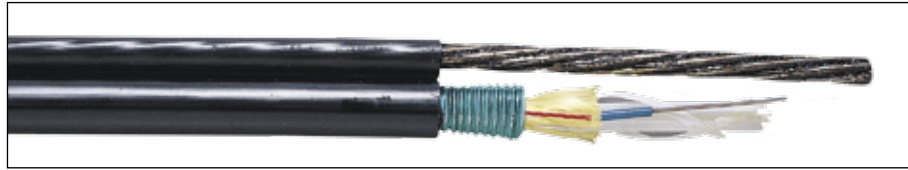


Loose Tube Single Jacket Armored Self-Supporting (Figure-8) Cable



Product Construction:

Fiber:

- 2-216 fibers
- Loose tube gel-filled
- Color-coding per TIA/EIA 598 B

Central Strength Member:

- Epoxy/glass rod

Armor:

- Corrugated coated steel tape

Outer 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

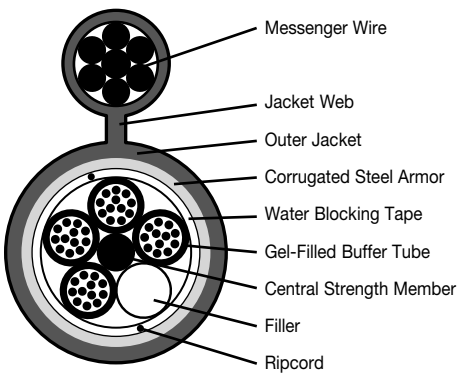
**Installation load should be lower than maximum rated cable load to allow for wind and ice loading in accordance with NESC guidelines.

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	
XX0023M1N-DWB	2	2	3	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0044M1N-DWB	4	1	4	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0064M1N-DWB	6	1	4	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0084M1N-DWB	8	1	4	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0124M1N-DWB	12	1	4	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0184M1N-DWB	18	2	3	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0244M1N-DWB	24	2	3	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0364M1N-DWB	36	3	2	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0484M1N-DWB	48	4	1	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0604M1N-DWB	60	5	0	0.469 x 0.929	11.9 x 23.6	237	352	600	2700	180	800
XX0724M1N-DWB	72	6	0	0.535 x 0.996	13.6 x 25.3	255	379	600	2700	180	800
XX0964M1N-DWB	96	8	0	0.602 x 1.063	15.3 x 27.0	275	409	600	2700	180	800
XX1204M1N-DWB	120	10	2	0.752 x 1.213	19.1 x 30.8	339	498	600	2700	180	800
XX1444M1N-DWB	144	12	0	0.752 x 1.213	19.1 x 30.8	339	498	600	2700	180	800
XX1924M1N-DWB	192	16	2	0.764 x 1.228	19.4 x 31.2	335	505	600	2700	180	800
XX2164M1N-DWB	216	18	0	0.764 x 1.228	19.4 x 31.2	335	505	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

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.

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

AQ0244M1N-DWB

Singlemode, 24 fibers, loose tube SJ armored (figure 8)

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

