

# Loose Tube Single Jacket Armored Cable

**Product Construction:**

**Fiber:**

- 4-432 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 or aerial/lashed

**Compliances:**

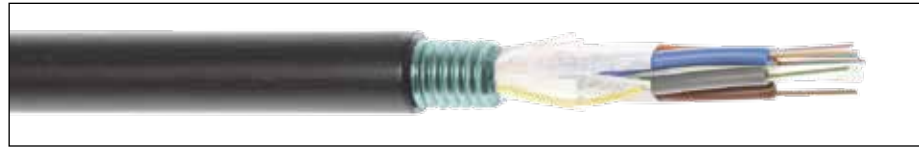
- Tested in accordance with EIA/TIA-455 FOTPs
- ICEA S-87-640
- Rural Utilities Service (RUS) 7 CFR 1755.900 (REA PE-90)
- GR-20
- RoHS Compliant Directive 2011/65/EU

**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)

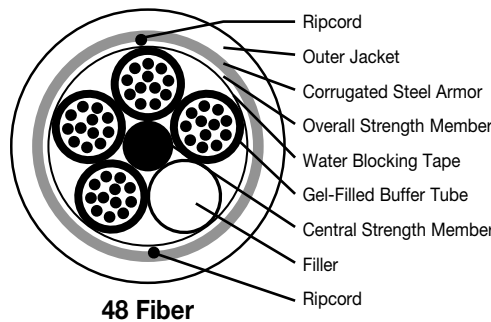


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
				IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
								LBS	N	LBS	N
XX0044M1F-DWB	4	1	4	0.46	11.8	92	137	600	2670	180	800
XX0064M1F-DWB	6	1	4	0.46	11.8	92	137	600	2670	180	800
XX0084M1F-DWB	8	1	4	0.46	11.8	92	137	600	2670	180	800
XX0124M1F-DWB	12	1	4	0.46	11.8	92	137	600	2670	180	800
XX0184M1F-DWB	18	2	3	0.46	11.8	92	137	600	2670	180	800
XX0244M1F-DWB	24	2	3	0.46	11.8	92	137	600	2670	180	800
XX0364M1F-DWB	36	3	2	0.46	11.8	92	137	600	2670	180	800
XX0484M1F-DWB	48	4	1	0.46	11.8	92	137	600	2670	180	800
XX0604M1F-DWB	60	5	0	0.46	11.8	92	137	600	2670	180	800
XX0724M1F-DWB	72	6	0	0.50	12.6	101	157	600	2670	180	800
XX0964M1F-DWB	96	8	0	0.56	14.3	121	180	600	2670	180	800
XX1204M1F-DWB	120	10	0	0.62	15.8	150	223	600	2670	180	800
XX1444M1F-DWB	144	12	0	0.69	17.6	188	280	600	2670	180	800
XX1924M1F-DWB	192	16	2	0.70	17.9	183	272	600	2670	180	800
XX2164M1F-DWB	216	18	0	0.70	17.9	183	272	600	2670	180	800
XX2404M1F-DWB	240	20	2	0.76	19.4	205	305	600	2670	180	800
XX2644M1F-DWB	264	22	0	0.76	19.4	205	305	600	2670	180	800
XX2884M1F-DWB	288	24	0	0.81	20.7	224	334	600	2670	180	800
XX3124M1F-DWB	312	26	0	0.90	23.0	277	412	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**



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**

**AQ0124M1F-DWB**

Singlemode, 12 fibers, loose tube SJ armored

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

