

# Loose Tube Triple Jacket Dual Armored Cable

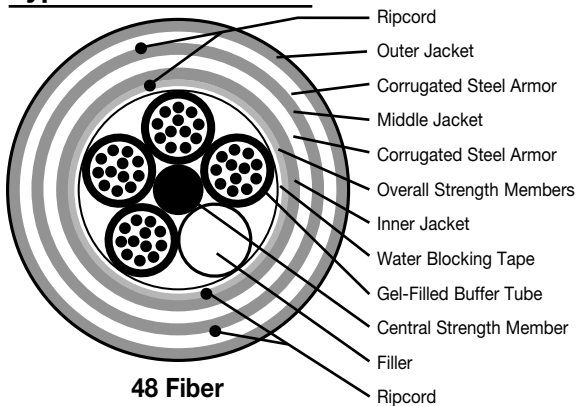


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
				IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE	
XX0024E1S-DWB	2	5	3	0.78	19.7	243	362	600	2700	180	800
XX0044E1S-DWB	4	5	4	0.78	19.7	243	362	600	2700	180	800
XX0064E1S-DWB	6	5	4	0.78	19.7	243	362	600	2700	180	800
XX0084E1S-DWB	8	5	4	0.78	19.7	243	362	600	2700	180	800
XX0124E1S-DWB	12	5	4	0.78	19.7	243	362	600	2700	180	800
XX0184E1S-DWB	18	5	3	0.78	19.7	243	362	600	2700	180	800
XX0244E1S-DWB	24	5	3	0.78	19.7	243	362	600	2700	180	800
XX0364E1S-DWB	36	5	2	0.78	19.7	243	362	600	2700	180	800
XX0484E1S-DWB	48	5	1	0.78	19.7	243	362	600	2700	180	800
XX0604E1S-DWB	60	5	0	0.78	19.7	243	362	600	2700	180	800
XX0724E1S-DWB	72	6	0	0.81	20.6	262	390	600	2700	180	800
XX0964E1S-DWB	96	8	0	0.88	22.3	302	450	600	2700	180	800
XX1204E1S-DWB	120	10	2	0.94	24.0	346	515	600	2700	180	800
XX1444E1S-DWB	144	12	0	1.02	25.9	392	585	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

**AQ0124E1S-DWB**

Singlemode, 12 fibers, TJ dual armored

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

## Product Construction:

### Fiber:

- 2-144 fibers
- Loose tube gel-filled
- Color-coding per TIA/EIA 598 B

### Central Strength Member:

- Epoxy/glass rod

### Inner Jacket:

- Black UV- and moisture-resistant polyethylene (PE)

### 1st Armor:

- Corrugated coated steel tape

### Middle Jacket:

- Black UV- and moisture-resistant polyethylene (PE)

### 2nd 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 - 250 lbs/in (440 N/cm)

## Applications:

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

## Compliances:

- Tested in accordance with EIA/TIA-455 FOTPs
- ICEA S-87-640
- 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