

# Loose Tube Dual Jacket Dual Armored Cable

**Product Construction:**

**Fiber:**

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

**Central Strength Member:**

- Epoxy/glass rod

**1st Armor:**

- Corrugated coated steel tape

**Inner Jacket:**

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

**2nd Armor:**

- 0.006" 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

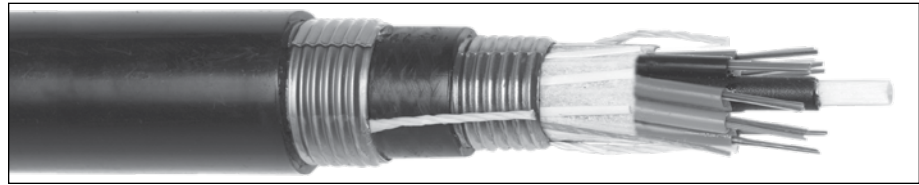
**Compliances:**

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

**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

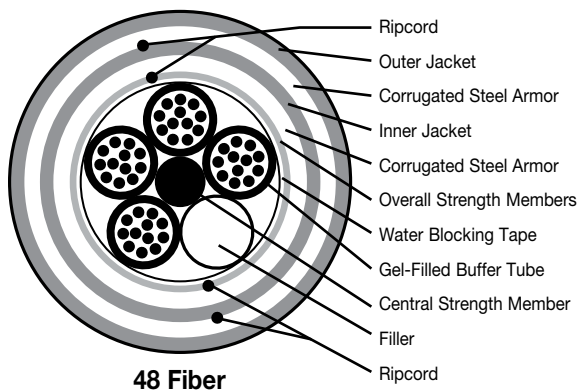


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NO. OF FILLERS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD			
								INSTALLATION		IN-SERVICE	
				IN	mm	LBS/1000'	kg/km	LBS	N	LBS	N
XX0024H1S-DWB	2	5	3	0.66	16.8	188	280	600	2700	180	800
XX0044H1S-DWB	4	5	4	0.66	16.8	188	280	600	2700	180	800
XX0064H1S-DWB	6	5	4	0.66	16.8	188	280	600	2700	180	800
XX0084H1S-DWB	8	5	4	0.66	16.8	188	280	600	2700	180	800
XX0124H1S-DWB	12	5	4	0.66	16.8	188	280	600	2700	180	800
XX0184H1S-DWB	18	5	3	0.66	16.8	188	280	600	2700	180	800
XX0244H1S-DWB	24	5	3	0.66	16.8	188	280	600	2700	180	800
XX0364H1S-DWB	36	5	2	0.66	16.8	188	280	600	2700	180	800
XX0484H1S-DWB	48	5	1	0.66	16.8	188	280	600	2700	180	800
XX0604H1S-DWB	60	5	0	0.66	16.8	188	280	600	2700	180	800
XX0724H1S-DWB	72	6	0	0.72	18.3	217	324	600	2700	180	800
XX0964H1S-DWB	96	8	0	0.79	20.0	247	368	600	2700	180	800
XX1204H1S-DWB	120	10	2	0.86	21.9	292	435	600	2700	180	800
XX1444H1S-DWB	144	12	0	0.94	23.8	338	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**



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**

**CG0124H1S-DWB**

62.5 mm multimode, 12 fibers, DJ dual armored

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

