

Loose Tube Dual Jacket Dual Armored Cable

Product Construction:

Fiber:

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

Central Strength Member:

- Epoxy/glass rod

Inner Jacket:

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

1st Armor:

- 0.006" corrugated coated steel tape

Middle 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)
 - 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:
 - 125 lbs/in (220 N/cm)

Applications:

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

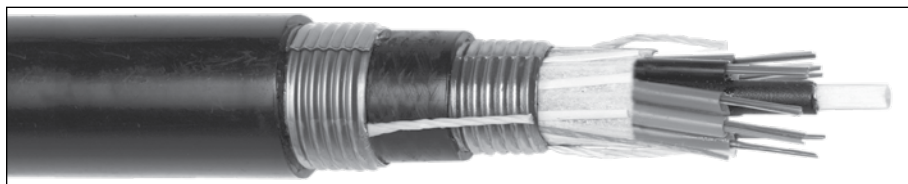
Compliances:

- ANSI/TIA/EIA 568B.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

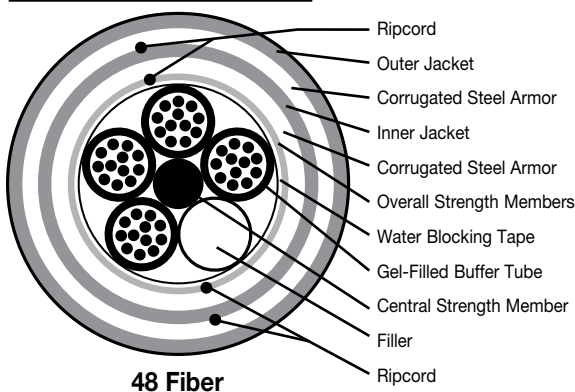


CATALOG NUMBER	FIBER COUNT	NO. OF LOOSE TUBES	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD				
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE		
								LBS	N	LBS	N
XX0024H1S-DWB	2	5	0.66	16.8	188	280	600	2700	180	800	
XX0044H1S-DWB	4	5	0.66	16.8	188	280	600	2700	180	800	
XX0064H1S-DWB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

