

Loose Tube Dual Jacket Cable



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)

Outer Jacket:

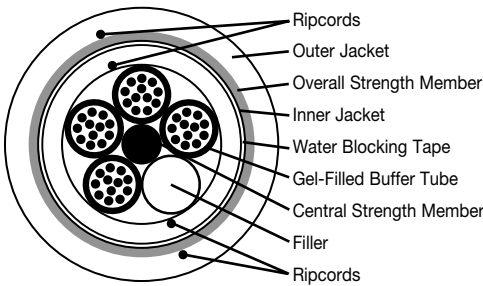
- Black UV- and moisture-resistant polyethylene (PE)
- Sequential footage markings*

| 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 |
| XX0023H1A-DWB | 2 | 2 | 3 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0044H1A-DWB | 4 | 1 | 4 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0064H1A-DWB | 6 | 1 | 4 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0084H1A-DWB | 8 | 1 | 4 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0124H1A-DWB | 12 | 1 | 4 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0184H1A-DWB | 18 | 2 | 3 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0244H1A-DWB | 24 | 2 | 3 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0364H1A-DWB | 36 | 3 | 2 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0484H1A-DWB | 48 | 4 | 1 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0604H1A-DWB | 60 | 5 | 0 | 0.51 | 13.0 | 78 | 116 | 600 | 2700 | 180 | 800 |
| XX0724H1A-DWB | 72 | 6 | 0 | 0.54 | 13.7 | 90 | 134 | 600 | 2700 | 180 | 800 |
| XX0964H1A-DWB | 96 | 8 | 0 | 0.61 | 15.4 | 111 | 165 | 600 | 2700 | 180 | 800 |
| XX1204H1A-DWB | 120 | 10 | 0 | 0.67 | 17.1 | 131 | 195 | 600 | 2700 | 180 | 800 |
| XX1444H1A-DWB | 144 | 12 | 0 | 0.75 | 19.0 | 167 | 248 | 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

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

AQ0124H1A-DWB

Singlemode, 12 fibers, loose tube DJ

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

Features:

- Loose tube gel-filled construction for superior fiber protection
- UV- and moisture-resistant design
- Added protection of an inner jacket
- 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:

- Alternate 6-fiber per tube available upon request

*Sequential meter markings available upon request

