

# Loose Tube Single Jacket Ribbon Cable

## Product Construction:

### Fiber:

- 288–864 fibers
- Loose tube gel-filled
- Color-coding per TIA/EIA 598B

### Central Strength Member:

- Epoxy/glass rod

### Overall Strength Member:

- Fiberglass yarns
- Aramid yarn overall strength member available upon request

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

## Applications:

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

## Compliances:

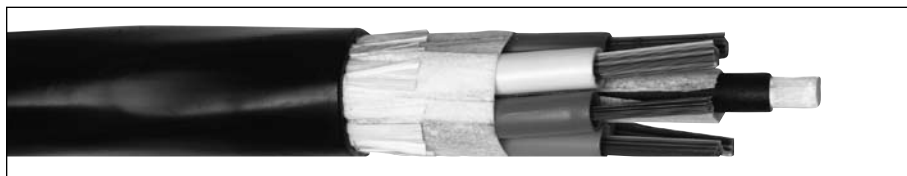
- ANSI/TIA/EIA 568B.3
- ICEA S-87-640
- Rural Utilities Service (RUS) 7 CFR 1755.900 (REA PE-90)
- GR-20
- RoHS Compliant Directive 2002/95/EC

## Options:

- Copper trace wire (unarmored design)
- Armor — corrugated steel tape

\*Sequential meter markings available upon request

\*\*Rodent resistance and direct-buried applies to armored design only

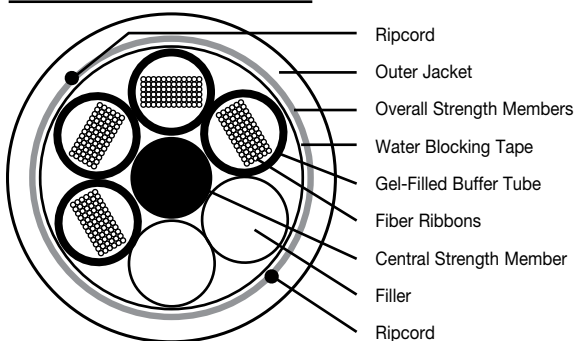


CATALOG NUMBER	FIBER COUNT	NO. OF RIBBONS	NOMINAL CABLE DIAMETER		NOMINAL CABLE WEIGHT		MAXIMUM TENSILE LOAD				
			IN	mm	LBS/1000'	kg/km	INSTALLATION		IN-SERVICE		
								LBS	N	LBS	N
<b>XX2886R1A-DWB</b>	228	24	0.841	21.4	208	310	1000	4500	180	800	
<b>XX3606R1A-DWB</b>	360	30	0.841	21.4	208	310	1000	4500	180	800	
<b>XX4326R1A-DWB</b>	432	36	0.841	21.4	208	310	1000	4500	180	800	
<b>XX4446R1A-DWB</b>	444	37	1.050	26.7	297	442	1000	4500	180	800	
<b>XX5046R1A-DWB</b>	504	42	1.050	26.7	297	442	1000	4500	180	800	
<b>XX5766R1A-DWB</b>	576	48	1.050	26.7	297	442	1000	4500	180	800	
<b>XX6486R1A-DWB</b>	648	54	1.050	26.7	297	442	1000	4500	180	800	
<b>XX7206R1A-DWB</b>	720	60	1.050	26.7	297	442	1000	4500	180	800	
<b>XX7926R1A-DWB</b>	792	66	1.050	26.7	297	442	1000	4500	180	800	
<b>XX8646R1A-DWB</b>	864	72	1.050	26.7	297	442	1000	4500	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



288 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

**CG2886R1A-DWB**

62.5 mm multimode, 12 fibers, loose tube ribbon

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