

Inside Plant

COLink RCLT™ RIBBON DISTRIBUTION CABLE *for Indoor Applications*

Features and Benefits

Compact Design

- > Efficient packaging of higher fiber counts
- > Lightweight and easy to handle during installation

Easily Removable Ribbon Matrix

- > Allows for ease of stripping and breakout

Precision Ribbon Geometry

- > Time and labor savings during fiber splicing
- > Superior fiber alignment produces low skew and ease of connectorization

UL and c(UL) Listed

- > OFNR and OFN-FT4 rated for Riser applications
- > OFNP and OFN-FT6 rated for Plenum applications

Variety of Options

- > Single-Mode and multimode fiber versions available
- > 850 nm Laser Optimized 50 μm fiber available
- > Other custom options available

Performance

- > Tested in accordance with GR-409 and ICEA-596
- > Complies with ANSI/EIA/TIA 568B.3
- > Color coding and ribbon markings as per TIA-598B
- > The complete cable and all subcomponents are RoHS-compliant

Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

Performance Specifications



Bend Radius	Riser	Plenum
Dynamic	20 x Cable OD	20 x Cable OD
Static	10 x Cable OD	10 x Cable OD

Tensile Rating

Installation	1320 N (300 lbf)	660 N (148 lbf)
Residual	330 N (75 lbf)	165 N (37 lbf)

Crush Resistance

	100 N/cm (57 lbf/in)	100 N/cm (57 lbf/in)
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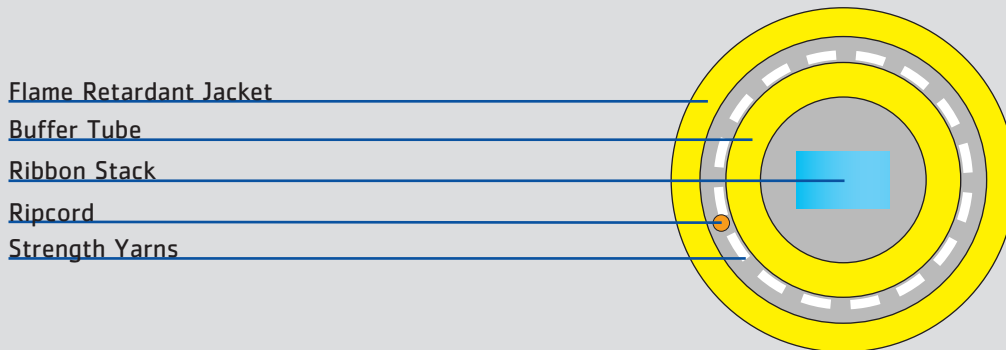
Temperature Ratings

Operation	-20 to +70 °C (-4 to +158 °F)	-20 to +70 °C (-4 to +158 °F)
Installation	-20 to +70 °C (-4 to +158 °F)	0 to +60 °C (+32 to +140 °F)
Storage/Shipping	-40 to +70 °C (-40 to +158 °F)	-40 to +70 °C (-40 to +158 °F)

NOMINAL DESIGN PARAMETERS

		Riser	Riser	Riser	Plenum
Flame Rating		UL 1666	UL 1666	UL 1666	NFPA 262
Fiber Count Range		12-144	156-216	288-432	12-144
Cable OD	(mm)	14.7	16.2	19.7	14.7
	(inches)	0.58	0.64	0.776	0.58
Cable Weight	(kg/km)	196	170	249	225
	(lb/kft)	132	114	167	151
Max. Length	(m)	4,000	4,000	3,000	4,000
	(ft)	13,000	13,000	10,000	13,000

CABLE CONSTRUCTION



ORDERING INFORMATION

Select a part number according to the fiber count and rating you want:

Fiber Count **1** **2** **3**

0012-0216 HNRATJRN (Riser)

0012-0144 HNRATJPN (Plenum)

Then, use the following options to complete the part number:

1 2	FiberType	Test Wavelengths	Max. Attenuation	MM Bandwidth (MHz*km)	Maximum Link Length (m)
LN	62.5 mm MMF (OM1)	850/1300 nm	3.0/1.0 dB/km	200 (220 RML)/500	300/600 @ 1GbE
LD	Corning InfiniCor® CL1000 62.5 mm MMF (OM1)	850/1300 nm	3.0/1.0 dB/km	385 (RML)/500	500/1000 @ 1GbE
MN	50 mm MMF (OM2)	850/1300 nm	3.0/1.0 dB/km	500/500	600/600 @ 1GbE
MD	Corning ClearCurve® OM2 50 mm MMF	850/1300 nm	3.0/1.0 dB/km	700*/500	150 @ 10GbE (850nm), 750/600 @ 1GbE
TC	Corning ClearCurve® OM3 50 mm MMF	850/1300 nm	3.0/1.0 dB/km	2000*/500	300 @ 10GbE, 1000 @ 1 GbE (850nm only)
TE	Corning ClearCurve® OM4 50 mm MMF	850/1300 nm	3.0/1.0 dB/km	4700*/500	550 @ 10GbE, 1200 @ 1 GbE (850nm only)
HE	Low Water Peak SMF	1310/1383/1550 nm	0.7/0.7/0.7 dB/km	n/a	n/a (consult equipment manufacturer)
ZE	Corning SMF-28e+™	1310/1383/1550 nm	0.7/0.7/0.7 dB/km	n/a	n/a (consult equipment manufacturer)
RH	Corning SMF-28e XB™	1310/1383/1550 nm	0.5/0.5/0.5 dB/km	n/a	n/a (consult equipment manufacturer)

* Effective Modal Bandwidth is characterized by Differential Mode Delay (DMD) measurement per EIA/TIA-455-220.

Note: if you don't see the fiber you need, please refer to the Fiber Code Addendum or contact us.

3 Jacket Color

N = Orange
Y = Yellow
Q = Aqua

Example:

If you need a Riser-Rated 216 count COLink™ RCLT cable with a yellow jacket and LWP Single-Mode fiber with 0.5/0.5 dB/km attenuation order part number 0216HHHNRATJRN Y.

To place an order, contact us in one of the following ways:

700 Industrial Drive, Lexington SC 29072 - (800) 669-0808 (Inside Sales) - Fax (800) 951-5040 - comm.cables@prysmian.com