

# Inside Plant

## COLink RILT™ 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

#### 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

Dynamic	20 x Cable OD
Static	10 x Cable OD

#### Tensile Rating

	N	lbf
Installation	1320	300
Residual	330	75

#### Crush Resistance

	N/cm	lbf/in
	80	57

#### Temperature Ratings

	°C	°F
Operation	-20 to +70	-4 to +158
Installation	-20 to +70	-4 to +158
Storage/Shipping	-40 to +70	-40 to +158

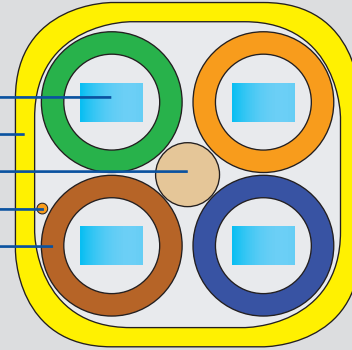


## NOMINAL DESIGN PARAMETERS

<b>Flame Rating</b>		<b>Riser</b> UL 1666
<b>Fiber Count Range</b>		156-576
<b>Cable OD</b>	(mm)	24.0
	(inches)	0.94
<b>Cable Weight</b>	(kg/km)	435
	(lb/kft)	291
<b>Max. Length</b>	(m)	4,000
	(ft)	13,000

## CABLE CONSTRUCTION

Ribbon Stack  
 Flame Retardant Jacket  
 Central Strength Member  
 Ripcord  
 Buffer Tube



## ORDERING INFORMATION

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

<b>Fiber Count</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	
0156-0216	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N (72F per tube)
0228-0288	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N (72F per tube)
0300-0432	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N (144F per tube)
0444-0576	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N (144F per tube)

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

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

R = Riser

### **4** Jacket Color

N = Orange

Y = Yellow

Q = Aqua

### Example:

If you need a Riser-Rated 432 count COLink RILT™ cable with a yellow jacket and Single-Mode LWP fiber with 0.5/0.5 dB/km attenuation, order part number 0432HH3ERATJRNQ.

### 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](mailto:comm.cables@prysmian.com)