

# Inside Plant

## MetaLink™ RIBBON CABLE *for Indoor Applications*

### Features and Benefits

#### Compact Design

- > Efficient packaging
- > Designed for mass-termination connectors
- > Lightweight and easy to handle during connectorization

#### 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 Listed

- > Plenum rated design complies with NFPA 262 (equivalent to UL 910) and is OFNP and OFN-FT6 rated

#### Meets GR-409 Requirements for Plenum and General Purpose Cables

- > Versatile design can be used in a wide range of applications

#### Registered Supplier

- > ISO 9001, ISO 14001, and TL 9000

### Performance Specifications

<b>Bend Radius</b>	<b>mm</b>	<b>Inches</b>
Dynamic	76.2	3.0
Static	38.1	1.5

<b>Tensile Rating</b>	<b>N</b>	<b>lbf</b>
Installation	440	100
Residual	18	4

<b>Crush Resistance</b>	<b>N/mm</b>	<b>lbf/in</b>
	10	57

<b>Temperature Ratings</b>	<b>°C</b>	<b>°F</b>
Operation	0 to +50	32 to +122
Installation	0 to +50	32 to +122
Storage/Shipping	-40 to +65	-40 to +149

## NOMINAL DESIGN PARAMETERS

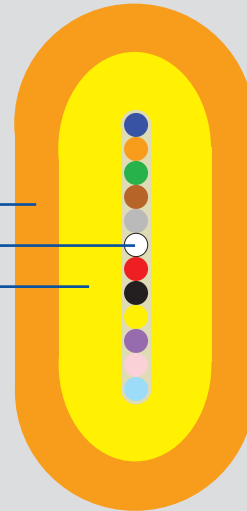
Fiber Count		4	6	8	12
Max Ribbon Width	(microns)	1124	1648	2172	3280
	(inches)	0.044	0.065	0.086	0.129
Cable Dimensions	(mm)	2.5 x 5.0	2.5 x 5.0	2.5 x 5.0	2.5 x 5.0
	(inches)	0.10 x 0.20	0.10 x 0.20	0.10 x 0.20	0.10 x 0.20
Cable Weight	(kg/km)	10.80	11.83	12.05	12.49
	(lb/kft)	7.3	8.0	8.1	8.4
Max. Length	(m)	4,000	4,000	4,000	4,000
	(ft)	13,120	13,120	13,120	13,120

## CABLE CONSTRUCTION

Flame Retardant Jacket

Optical Fiber Ribbon

Aramid Yarns



## ORDERING INFORMATION

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

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

0004-0012   HNRAHJPVx Note: Color (designated by "x") will vary according to fiber type.

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

<b>1</b> <b>2</b>	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 InfiniCor® SXi 50 mm MMF (OM2)	850/1300 nm	3.0/1.0 dB/km	700*/500	150 @ 10GbE (850nm), 750/600 @ 1GbE
TC	Corning InfiniCor® SX+ 50 mm LOMMF (OM3)	850/1300 nm	3.0/1.0 dB/km	2000*/500	300 @ 10GbE, 1000 @ 1 GbE (850nm only)
TE	Corning InfiniCor® eSX+ 50 mm LOMMF (OM3+)	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.

### Example:

If you need a 6 fiber MetaLink™ cable with Low Water-Peak, Single-Mode fiber and 0.70/0.70 attenuation, order Part Number 0006HEHNRAHJPVY.

### 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)