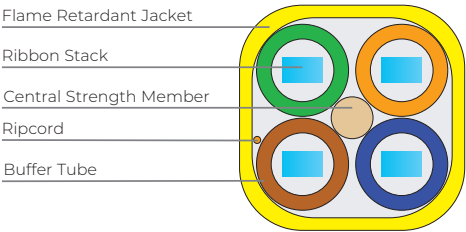
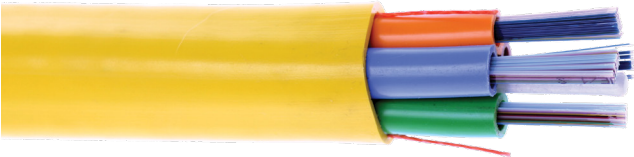


# GenSPEED® Multi-Tube Ribbon

Cable for Indoor Applications



## SPECIFICATIONS / RATINGS

- Standards**
- Tested in accordance with GR-409 and ICEA-S-83-596
  - Color coding and ribbon markings as per TIA-598C
  - Complies with ANSI/EIA/TIA 568C.3
  - The complete cable and all subcomponents are RoHS Compliant

**Registered Supplier** ISO 9001, ISO 14001, TL 9000, and OHSAS 18001



## 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

PERFORMANCE SPECIFICATIONS		
<b>Bend Radius</b>		
Dynamic	20 x Cable OD	
Static	10 x Cable OD	
<b>Tensile Rating</b>	<b>N</b>	<b>lbf</b>
Installation	1320	300
Residual	330	75
<b>Crush Resistance</b>	<b>N/cm</b>	<b>lbf/in</b>
	80	57
<b>Temperature Ratings</b>	<b>°C</b>	<b>°F</b>
Operation	-20 to +70	-4 to +158
Installation	-20 to +70	-4 to +158
Storage/Shipping	-40 to +70	-40 to +158



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Fiber Count Range	Recommended Fiber Count	Recommended Prysmian Part Number*	Tube Outside Diameter		Cable Outside Diameter		Cable Weight		Maximum Length	
			inches	mm	inches	mm	lb/kft	kg/km	feet	m

## GenSPEED Multi-Tube Ribbon

144 – 576	144	RRLDK-12-AA-144-BB	0.35	8.9	0.94	24.0	257	382	4,000	13,000
	432	RRLDK-12-AA-432-BB								
	576	RRLDK-12-AA-576-BB								

Fiber Count Range	Recommended Fiber Count	Recommended Prysmian Part Number*	Cable Outside Diameter		Cable Weight		Maximum Length	
			inches	mm	lb/kft	kg/km	feet	m

## GenSPEED Multi-Tube Interlock Ribbon

144 – 576	144	RRLDKAJ-12-AA-144-BB	1.30	33.0	607	904	3,030	9,940
	432	RRLDKAJ-12-AA-432-BB						
	576	RRLDKAJ-12-AA-576-BB						

\*Where AA equals glass type and BB equals attenuation code

## Ordering Guide

The Prysmian part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below

**Example:** Riser-rated 576 count CoLink Multi-Tube Ribbon cable with a yellow jacket and single-mode LWP fiber with 0.4/0.3 dB/km attenuation (Printed in Feet)

1 LENGTH MARKINGS	2 PRODUCT FAMILY	3 FIBER GROUPING	4 FIBER TYPE	5 FIBER COUNT	6 FIBER GRADE
F	RRLDK	12	HB	576	E1

PART NUMBER CONSTRUCTION	
1	LENGTH MARKINGS
	F = Feet or M = Meters
2	PRODUCT FAMILY & CONSTRUCTION
	RRLDK= CoLink Multi-Tube Ribbon Riser
	RRLDKAJ= CoLink Multi-Tube Ribbon Riser with Interlock Armor
3	FIBER GROUPING
	12 = 12f Ribbons (12-216f)

FIBER INFORMATION		
4	FIBER TYPE	
SINGLE-MODE		
HB = Single-Mode (ITU G.652 C & D) Low Water Peak		
ES = Enhanced Single-Mode (ITU G.652 C & D)		
CE = Corning™ SMF28e+ Single-Mode		
B1 = Bend-Insensitive Single-Mode (ITU G.657.A1 & G.652.D)		
B2 = Bend-Insensitive Single-Mode (ITU G.657.A2 & .B2, & G.652.D)		
5	FIBER COUNT	
144 to 576 fibers (Riser)		
6	FIBER GRADE	
SINGLE-MODE		
Attenuation (dB/km)	Wavelength (nm)	Fiber Type
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, ES, CE, B1, or B2
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, ES, CE, B1, or B2

Other cable constructions and fiber performance grades available on request.

