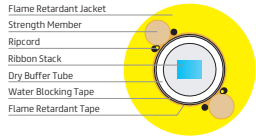
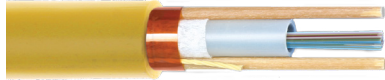


# GenSPEED® COLink Indoor RICT Ribbon

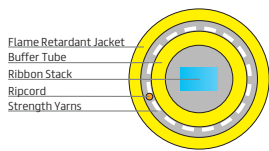
12-864f Riser and 12-144f Plenum RICT Cable

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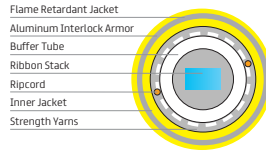
## 12-432f Dielectric & Armored Riser



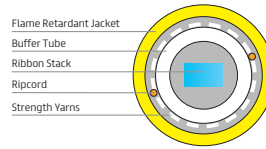
## Plenum



## 864f Armored Riser



## 864f Dielectric Riser



## FEATURES AND BENEFITS

### Indoor Design

- Saves space and time by eliminating splices at the cable vault
- Can be installed using typical loose tube cable methods and hardware

### 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 fiber breakout
- Improves mid-span strippability

### Precision Ribbon Geometry

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

### Flexible Buffer Tube

- Superior kink resistance
- Eliminates need for closure transportation tubing
- Facilitates route management in closures

### Dry Water-Blocking Technology

- Buffer tube and core are completely dry – no gel
- Permits rapid cable preparation and termination
- Riser - Water-blocking materials are easily removed
- Plenum - No water-blocking materials used

### UL and c(UL) Listed

- OFNR/FT4 for dielectric riser applications
- OFCR/FT4 for armored riser applications
- OFNP/FT6 for dielectric plenum applications



### Performance - RISER

- Meets or exceeds the requirements of Telcordia GR-20 & ICEA 640, TIA-598C, ANSI/EIA/TIA 568.3, CE RoHS Compliant and is tested in accordance with relevant EIA/TIA-455 series FOTPs for fiber optic cables
- RDUP listed (tested in accordance with PE-90)
- The complete cable and all subcomponents are RoHS-compliant

### Performance - PLENUM

- Telcordia GR-409, ANSI/ICEA S-83-596, TIA-598C, ANSI/EIA/TIA 568.3, CE RoHS Compliant
- The complete cable and all subcomponents are RoHS-compliant

### Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

## PERFORMANCE SPECIFICATIONS

Bend Radius	RISER		PLENUM	
	N	lbf	N	lbf
Dynamic	20 x Cable OD		20 x Cable OD	
Static	10 x Cable OD		10 x Cable OD	
Installation	2,700	600	660	148
Residual	800	180	165	37
Short/ long Term	220/110	125/63	100	57
Operation	-40 to +70	-40 to +158	-20 to +70	-4 to +158
Installation*	-30 to +60	-22 to +140	0 to +60	+32 to +140
Storage/Shipping	-40 to +75	-40 to +167	-40 to +70	-40 to +158

\* Installation Temperature Range for the 576 to 864 fiber counts is -10C to +60C (-4F to 140F)

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TLS-DS-C-101-0224

# GenSPEED® CoLink Indoor RICT Ribbon

12-864f Riser and 12-144f Plenum RICT Cable

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Fiber Count Range	Recommended Fiber Count	Recommended Prysmian** Part Number	Fibers / Ribbon	Number of Ribbons	Buffer Tube OD		Cable OD		Approx. Cable Weight		Max. Reel Length	
					Inches	mm	Inches	mm	lb/kft	kg/km	feet	meters

## GenSPEED RICT Indoor Ribbon (Riser)

12-48	12	RRICDK-12-AA-012-BB	12	1-4	0.24	6.2	0.56	14.3	141	210	39,370	12,000
	24	RRICDK-12-AA-024-BB										
	48	RRICDK-12-AA-048-BB										
72	72	RRICDK-12-AA-072-BB	12	6	0.35	8.8	0.64	16.2	144	214	31,022	9,458
84-144	144	RRICDK-12-AA-144-BB	12	7-12	0.42	10.6	0.71	18.0	168	250	31,022	9,458
240-432	432	RRICDK-24-AA-432-BB	24	10-18	0.61	15.4	0.90	22.8	245	364	17,864	5,445
576-864	576	RRICDK-24-AA-576-BB	24	24	0.81	20.6	1.06	26.8	330	490	12,500	3,800
	864	RRICDK-36-AA-864-BB										

## GenSPEED RICT Indoor Ribbon (Riser with Aluminum Interlock Armor)

12-48	12	RRICDAJ-12-AA-012-BB	12	1-4	0.24	6.2	0.56	14.3	141	210	39,370	12,000
	24	RRICDAJ-12-AA-024-BB										
	48	RRICDAJ-12-AA-048-BB										
72	72	RRICDAJ-12-AA-072-BB	12	6	0.35	8.8	0.64	16.2	144	214	31,022	9,458
84-144	144	RRICDAJ-12-AA-144-BB	12	7-12	0.42	10.6	1.06	27.0	428	637	15,435	4,705
240-432	432	RRICDAJ-24-AA-432-BB	24	10-18	0.61	15.4	1.26	32.0	567	844	11,220	3,420
576-864	576	RRICDAJ-24-AA-576-BB	24	24	0.81	20.6	1.4	35.6	723	1,076	9,500	2,900
	864	RRICDAJ-36-AA-864-BB										

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

## GenSPEED RICT Indoor Ribbon (Plenum)

12-48	12	RPCDK-12-AA-012-BB	0.45	11.3	0.28	7.1	87	129	15,000	4,000
	24	RPCDK-12-AA-024-BB								
	36	RPCDK-12-AA-036-BB								
	48	RPCDK-12-AA-048-BB								
60-144	72	RPCDK-12-AA-072-BB	0.58	14.7	0.39	10.0	156	232	15,000	4,000
	96	RPCDK-12-AA-096-BB								
	120	RPCDK-12-AA-120-BB								
	144	RPCDK-12-AA-144-BB								

\*Note: This design uses 24 fiber ribbons for counts of 240 to 576 fibers and 36 fiber ribbons for 612 to 864 fibers.  
If on reel testing is required for the 612-864 fiber designs, a reel with 60" drum must be specified on the order.

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

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# GenSPEED® CoLink Indoor RICT Ribbon

12-864f Riser and 12-144f Plenum RICT Cable

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## Ordering Guide

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

### GenSPEED® FusionLink™ Indoor Riser Rated Dry Cable:

**Example:** GenSPEED® FusionLink™ 432 count, riser rated, dry cable with G.652.D LWP single-mode fiber and 0.40/0.40/0.30 attenuation (printed in feet)

1	LENGTH MARKINGS	2	PRODUCT FAMILY	3	FIBER GROUPING	4	FIBER TYPE	5	FIBER COUNT	6	FIBER GRADE
F		RRICDK		24		HB		432		E1	

PART NUMBER CONSTRUCTION	
<b>1</b>	<b>LENGTH MARKINGS</b>
F = Feet or M = Meters	
<b>2</b>	<b>PRODUCT FAMILY &amp; CONSTRUCTION</b>
RRICDK = Dry GenSPEED® Indoor (Riser)	
RRICDKAJ = Dry GenSPEED® Aluminum Interlock Armor Indoor (Riser)	
RPCDK = Dry GenSPEED® Indoor (Plenum)	
<b>3</b>	<b>FIBER GROUPING</b>
12 = 12f Ribbons (12-144)	
24 = 24f Ribbons (240-576)	
36 = 36f Ribbons (864)	

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.

FIBER INFORMATION		
<b>4</b>	<b>FIBER TYPE</b>	
<b>SINGLE-MODE</b>		
HB = Single-Mode (ITU G.652 C & D) Low Water Peak – 12-432f only		
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)		
<b>5</b>	<b>FIBER COUNT</b>	
012 to 864 fibers		
<b>6</b>	<b>FIBER GRADE</b>	
<b>SINGLE-MODE</b>		
<b>Attenuation (dB/km)</b>	<b>Wavelength (nm)</b>	<b>Fiber Type</b>
E1 = 0.40/0.40/0.30	1310/1383/1550	HB, B1, or B2
E3 = 0.35/0.35/0.25	1310/1383/1550	HB, B1, or B2

\* 576 to 864 fibers limited to E1 attenuation code

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