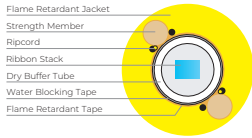
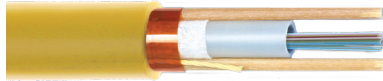


# GenSPEED® COLink Indoor RICT Ribbon

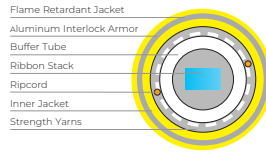
12-864f Riser and 12-144f Plenum RICT Cable



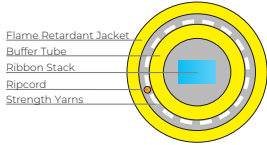
12-432f Dielectric & Armored Riser



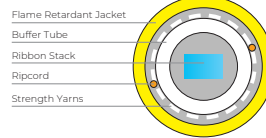
864f Armored Riser



Plenum



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

RoHS  
COMPLIANT

### 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

| PERFORMANCE SPECIFICATIONS |               |               |             |               |
|----------------------------|---------------|---------------|-------------|---------------|
| <b>Bend Radius</b>         |               |               |             |               |
| Dynamic                    | 20 x Cable OD |               |             |               |
| Static (Single Bend)       | 10 x Cable OD |               |             |               |
| Static (Cable Coil)        | 15 x Cable OD |               |             |               |
| <b>Tensile Rating</b>      | <b>N</b>      | <b>lbf</b>    | <b>N</b>    | <b>lbf</b>    |
| Installation               | 2,700         | 600           | 660         | 148           |
| Residual                   | 800           | 180           | 165         | 37            |
| <b>Crush Resistance</b>    | <b>N/cm</b>   | <b>lbf/in</b> | <b>N/cm</b> | <b>lbf/in</b> |
| Short/ long Term           | 220/110       | 125/63        | 100         | 57            |
| <b>Temperature Ratings</b> | <b>°C</b>     | <b>°F</b>     | <b>°C</b>   | <b>°F</b>     |
| 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)  
Note: Any cable coiling should be done without induced twisting of the cable.



# GenSPEED® COLink Indoor RICT Ribbon

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



| 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 | 12 | 1 – 4   | 0.24 | 6.2  | 0.56 | 14.3 | 141 | 210 | 39,370 | 12,000 |
|           | 48  | RRICDK-12-AA-048-BB | 12 | 1 – 4   | 0.24 | 6.2  | 0.56 | 14.3 | 141 | 210 | 39,370 | 12,000 |
| 72        | 72  | RRICDK-12-AA-072-BB | 12 | 6 – 12  | 0.42 | 10.6 | 0.60 | 15.2 | 111 | 165 | 39,370 | 12,000 |
| 84 – 144  | 144 | RRICDK-12-AA-144-BB | 12 | 6 – 12  | 0.42 | 10.6 | 0.60 | 15.2 | 111 | 165 | 39,370 | 12,000 |
| 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 | 36 | 24      | 0.81 | 20.6 | 1.06 | 26.8 | 330 | 490 | 12,500 | 3,800  |

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

|           |     |                       |    |         |      |      |      |      |     |       |        |       |
|-----------|-----|-----------------------|----|---------|------|------|------|------|-----|-------|--------|-------|
| 12 – 48   | 12  | RRICDKAJ-12-AA-012-BB | 12 | 1 – 4   | 0.24 | 6.2  | 0.91 | 23.1 | 401 | 598   | 21,394 | 6,521 |
|           | 24  | RRICDKAJ-12-AA-024-BB | 12 | 1 – 4   | 0.24 | 6.2  | 0.91 | 23.1 | 401 | 598   | 21,394 | 6,521 |
|           | 48  | RRICDKAJ-12-AA-048-BB | 12 | 1 – 4   | 0.24 | 6.2  | 0.91 | 23.1 | 401 | 598   | 21,394 | 6,521 |
| 72        | 72  | RRICDKAJ-12-AA-072-BB | 12 | 6 – 12  | 0.42 | 10.6 | 0.95 | 24.1 | 371 | 552   | 19,764 | 6,025 |
| 84 – 144  | 144 | RRICDKAJ-12-AA-144-BB | 12 | 6 – 12  | 0.42 | 10.6 | 0.95 | 24.1 | 371 | 552   | 19,764 | 6,025 |
| 240 – 432 | 432 | RRICDKAJ-24-AA-432-BB | 24 | 10 – 18 | 0.61 | 15.4 | 1.26 | 32.0 | 567 | 844   | 11,220 | 3,420 |
| 576 – 864 | 576 | RRICDKAJ-24-AA-576-BB | 24 | 24      | 0.81 | 20.6 | 1.4  | 35.6 | 723 | 1,076 | 9,500  | 2,900 |
|           | 864 | RRICDKAJ-36-AA-864-BB | 36 | 24      | 0.81 | 20.6 | 1.4  | 35.6 | 723 | 1,076 | 9,500  | 2,900 |

| 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



# GenSPEED® COLink Indoor RICT Ribbon

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



## 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

### 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                                        |                               |
|-----------------------------------------------------------------|-------------------------------|
| 1                                                               | LENGTH MARKINGS               |
| F = Feet or M = Meters                                          |                               |
| 2                                                               | PRODUCT FAMILY & CONSTRUCTION |
| RRICDK = Dry GenSPEED® Indoor (Riser)                           |                               |
| RRICDKAJ = Dry GenSPEED® Aluminum Interlock Armor Indoor(Riser) |                               |
| RPCDK = Dry GenSPEED® Indoor (Plenum)                           |                               |
| 3                                                               | FIBER GROUPING                |
| 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                                                 |                 |               |
|-------------------------------------------------------------------|-----------------|---------------|
| 4                                                                 | FIBER TYPE      |               |
| SINGLE-MODE                                                       |                 |               |
| 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) |                 |               |
| 5                                                                 | FIBER COUNT     |               |
| 012 to 864 fibers                                                 |                 |               |
| 6                                                                 | FIBER GRADE     |               |
| SINGLE-MODE                                                       |                 |               |
| Attenuation (dB/km)                                               | Wavelength (nm) | Fiber Type    |
| 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

