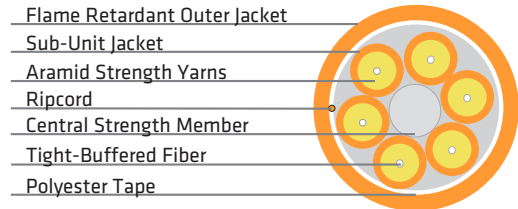




## ezBREAKOUT™ | Indoor Tight Buffered Riser, LSZH riser, and plenum rated cables



**Prysmian's ezBREAKOUT indoor tight buffered cables will assure reliable broadband performance, meet flame retardant safety codes, and support easy field termination**

### Overview

Prysmian's ezBREAKOUT cable family packages up to 36 tight buffered (900µm) fibers into a single flame retardant cable. Each tight buffered fiber is contained inside a 2.5mm subunit for added mechanical strength. This cable design is available in riser, LSZH riser and plenum rated versions for deployment in any indoor application. This cable design supports standard installation practices and may be easily terminated using established field connectorization methods.

### Product Snapshot

<b>Applications</b>	Well suited for applications requiring direct cable termination and rugged construction. Designed for installation in environments where severe mechanical exposure is possible such as in industrial systems.
<b>Constructions</b>	Individual 2.5mm subunits containing one 900µm TB fiber; Interlock armor optional
<b>Flame Ratings</b>	Riser (OFNR / OFCR / FT4); LSZH Riser (OFNR / OFCR / FT4); Plenum (OFNP / OFCP / FT6)
<b>Fiber Count</b>	2 to 36 fibers
<b>Fiber Types</b>	Single-mode (ESMF, bend-insensitive, multimode (62.5/125-OM1, 50/125-OM2+, OM3 & OM4)
<b>Standards</b>	ANSI/ICEA S-83-596, UL 1666, NFPA-262, CSA C22.2 No 230, Telcordia GR-409, RoHS Compliant



### Features and Benefits

- Standardized 2.5mm subunit size simplifies termination practices
- 900µm tight buffered fibers designed to support rapid field termination
- Numbered subunit identification for quick, error-free fiber identification
- Available with bend-insensitive single-mode and multimode optical fibers
- Flexible, flame-retardant, and color coded jacket outer
- Optional interlock armor provides added robust protection & supports one-step installation
- Supports all high performance networks including OM4/10 gigabit ethernet systems

## ezBREAKOUT™ | Indoor Tight Buffered

Riser, LSZH riser, and plenum rated cables

### ezBREAKOUT Indoor Riser | 525 Series | OFNR/FT4

Fiber Count	Diameter Inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load Inches (cm)	Bend Radius No Load Inches (cm)	Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)
2	0.29 (7.3)	33 (49)	5.8 (14.8)	2.9 (7.4)	150 (660)	45 (200)
4	0.32 (8.3)	40 (60)	6.4 (16.3)	3.2 (8.2)	150 (660)	45 (200)
6	0.38 (9.6)	57 (85)	7.6 (19.3)	3.8 (9.7)	150(660)	45 (200)
8	0.44 (11.3)	78 (116)	8.8 (22.4)	4.4 (11.2)	150 (660)	45 (200)
12	0.50 (12.7)	108 (161)	10.0 (25.4)	5.0 (12.7)	150 (660)	45 (200)
18	0.58 (14.7)	125 (186)	11.6 (29.5)	5.8 (14.8)	300 (1320)	90 (396)
24	0.65 (16.6)	166 (247)	13.0 (33.1)	6.5 (16.6)	300 (1320)	90 (396)
36	0.78 (19.9)	214 (318)	15.6 (39.7)	7.8 (19.9)	300 (1320)	90 (396)

### ezBREAKOUT Indoor LSZH Riser | LSZH25 Series | OFNR/FT4

Fiber Count	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)
2	0.31 (7.9)	32 (48)	6.2 (15.7)	3.1 (7.9)	150 (660)	45 (200)
4	0.33 (8.4)	38 (57)	6.6 (16.8)	3.3 (8.4)	150 (660)	45 (200)
6	0.38 (9.7)	56 (83)	7.6 (19.3)	3.8 (9.7)	150 (660)	45 (200)
8	0.45 (11.4)	82 (122)	9.0 (22.9)	4.5 (11.5)	150 (660)	45 (200)
12	0.57 (14.5)	138 (205)	11.4 (29.0)	5.7 (14.5)	150 (660)	45 (200)
18	0.58 (14.7)	133 (198)	11.6 (29.5)	5.8 (14.8)	300 (1320)	90 (396)
24	0.65 (16.5)	180 (268)	13.0 (33.1)	6.5 (16.6)	300 (1320)	90 (396)
36	0.78 (19.8)	226 (336)	15.6 (39.7)	7.8 (19.9)	300 (1320)	90 (396)

### Outer Jacket Color Identification

Orange: Multimode OM1 and OM2+  
 Aqua: Multimode OM3 and OM4  
 Yellow: Single-mode fiber  
 Black: Hybrid

### Temperature Range

Shipping and Storage: (Riser) -40° F to +176° F (-40° C to +80° C)  
 (Plenum) -40° F to +176° F (-40° C to +80° C)  
 Installation: (Riser) +14° F to +140° F (-10° C to +60° C)  
 (Plenum) +32° F to +140° F (0° C to +60° C)  
 Operation: (Riser) -4° F to +176° F (-20° C to +80° C)  
 (Plenum) -4 F to +176° F (-20° C to +80° C)

## ezBREAKOUT™ | Indoor Tight Buffered

Riser, LSZH riser, and plenum rated cables

### ezBREAKOUT Indoor Plenum | 825 Series | OFNP/FT6

Fiber Count	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)
2	0.23 (5.8)	24 (36)	4.6 (11.7)	2.3 (5.9)	100 (440)	30 (133)
4	0.28 (7.0)	30 (45)	5.6 (14.3)	2.8 (7.2)	100 (440)	30 (133)
6	0.33 (8.5)	44 (65)	6.6 (16.5)	3.3 (8.4)	100 (440)	30 (133)
8	0.39 (10.0)	65 (97)	7.8 (19.9)	3.9 (9.9)	100 (440)	30 (133)
12	0.52 (13.3)	125 (186)	10.4 (26.5)	5.2 (13.2)	100 (440)	30 (133)
18	0.56 (14.1)	112 (166)	11.2 (28.5)	5.6 (14.3)	150 (660)	45 (200)
24	0.65 (16.5)	158 (235)	13.0 (33.0)	6.5 (16.5)	150 (660)	45 (200)
36	0.75 (19.1)	198 (295)	15.0 (38.1)	7.5 (19.1)	150 (660)	45 (200)

#### Outer Jacket Color Identification

Orange: Multimode OM1 and OM2+  
 Aqua: Multimode OM3 and OM4  
 Yellow: Single-mode fiber  
 Black: Hybrid

#### Temperature Range

Shipping and Storage: (Riser) -40° F to +176° F (-40° C to +80° C)  
 (Plenum) -40° F to +176° F (-40° C to +80° C)  
 Installation: (Riser) +14° F to +140° F (-10° C to +60° C)  
 (Plenum) +32° F to +140° F (0° C to +60° C)  
 Operation: (Riser) -4° F to +176° F (-20° C to +80° C)  
 (Plenum) -4° F to +176° F (-20° C to +80° C)

**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

**Example: ezBREAKOUT | indoor riser (OFNR / FT4) | multimode 62.5/125 fibers in individual subunits | 24 fibers total (printed in feet)**



CABLE INFORMATION	
<b>1</b>	<b>LENGTH MARKINGS</b>
F = Feet or M = Meters	
<b>2</b>	<b>PRODUCT FAMILY</b>
EZBREAKOUT	
<b>Riser-FT4</b>	
525 = ezBREAKOUT Indoor Riser   Tight Buffer Flame Rating: OFNR/FT4   Fiber Count 2 to 36	
<b>LSZH25</b> = ezBREAKOUT Indoor LSZH Riser   Tight Buffer Flame Rating: OFNR/FT4   Fiber Count 2 to 36	
<b>Plenum-FT6</b>	
825 = ezBREAKOUT Indoor Plenum   Tight Buffer Flame Rating: OFNP/FT6   Fiber Count 2 to 36	
<b>3</b>	<b>CONSTRUCTION</b>
(blank) = none	
Aj = Jacketed aluminum	
Sj = Jacketed steel	
<b>4</b>	<b>FIBER GROUPING</b>
01 = 1f breakout cable unit	

FIBER INFORMATION																										
<b>5</b>	<b>FIBER TYPE</b>																									
<b>SINGLE-MODE</b>																										
HB = Enhanced Single-Mode (ITU G.652 C & D)																										
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>MULTIMODE</b>																										
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Other cable constructions and fiber performance grades available on request.

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