



ezBREAKOUT™ | Indoor XS

Indoor tight buffer breakout cable





Indoor tight buffered cables with individual breakout units for robust handling, flame-retardant safety and simple field termination

Overview

Prysmian's ezBREAKOUT™ cables package up to 12 breakout units with 900µm tight buffered fibers into a single flame-retardant cable - riser. This design provides simple direct field termination with strain relief.

Product Snapshot

Applications Multi-Fiber Indoor Breakout for Routing

& Connectorization

Constructions Jacketed Cordage (1.6mm units)

with 900µm Tight Buffered Fibers

/ All Dielectric

Flame Ratings Riser (OFNR / FT-4)

Fiber Count 2 to 12 Fibers

Fiber Types Bend-Insensitive Single-Mode

Performance TIA/EIA-568, ANSI / ICEA S-83-596,

Telcordia GR-409, CE RoHS Compliant

Registered ISO 9001, ISO 14001, TL 9000,

Supplier and OHSAS 18001



Features and Benefits

Easy Cable Installation & Termination

- 1.6mm units with 900µm tight buffered fibers provide simple direct field termination
- Flexible robust cables simplify pulling and placement
- Colored sub-units simplify identification and routing
- Small diameter allows routing in small / reduced size enclosures or spaces

Flame-Retardant Safety

- Versions for Riser (OFNR/FT-4)
- A single cable design can support all structured cabling applications

Reliable Performance

 The 1.6mm diameter component has a minimum bend radius of 7.5mm ensuring long term life and performance in tight spaces





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Nominal Design Parameters

1.66 mm TBB) Cables - OFNR Rated

Fiber Count	Diameter Inches (mm)	Cable Weight Ib/kft (kg/km)	Min. Bend Radius of Component (mm)	Min. Bend Radius Installation Inches (cm)	Min. Bend Radius Operation Inches (cm)	Installation Tensile Loading Ibs (newtons)	Operating Tensile Loading Ibs (newtons)
2	0.18 (4.5)	14 (21)	7.5	3.5 (9)	2 (5)	150 (660)	45 (200)
4	0.21 (5.3)	19 (29)	7.5	4 (10)	2 (5)	150 (660)	45 (200)
6	0.25 (6.4)	26 (39)	7.5	5 (13)	2.5 (6)	150 (660)	45 (200)
8	0.29 (7.4)	34 (51)	7.5	5.5 (14)	3 (7.5)	150 (660)	45 (200)
12	0.33 (8.3)	38 (56)	7.5	6 (15)	3 (7.5)	150 (660)	45 (200)

Maximum delivery length 2500 meters

Temperature Range

Shipping and Storage: -40° F to +176° F (-40° C to +80° C)

Installation: 32° F to +122° F (0° C to +50° C)

Operation: -4° F to +176° F (-20° C to +80° C)

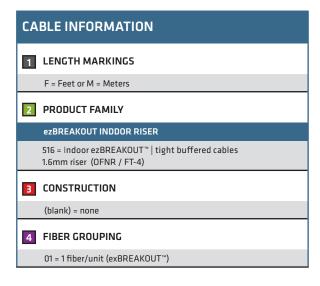
Ordering Guide

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/FT-4), 12 bend-insensitive single-mode fibers (printed in feet).

1 LENGTH ARKINGS 2 PRODUCT 3 CONSTRUCTION 4 FIBER GROUPING 5 FIBER TYPE 6 FIBER COUNT 7 FIBER GRADE F - 516 BLANK - 01 - B2 - 012 - EB





Other cable constructions and fiber performance grades available on request.

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