



## LSZH RISER BREAKOUT CABLE

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### Tight Buffered Breakout Cable

Breakout cables are of a tight buffered construction and specifically designed for use in risers and other building applications requiring flame retardant protection. Each tight buffered fibre is surrounded in Kevlar and jacketed into a colour coded sub-cable 2.5mm in diameter (breakout dimension).

Breakout cables allow each fibre to be directly terminated with a connector. The 2.5mm jacket and Kevlar provide the strain relief right up to the connector.

### Product Highlights

- RoHS compliant
- 2.5 mm aramid filled subunits
- User-friendly “break-out” design
- High tensile strength
- Flexible aramid yarns and individual jackets add strength to each fibre
- Colour-coded subunits facilitate identification
- Colour-coded and number coded subunits facilitate identification for cables containing more than 12 fibres
  - Low Smoke Zero Halogen jacket

Fibre Count	Cable OD	Cable Weight
	mm	kg per km
2	8.1	59.5
4	8.1	58
6	9.5	85.4
8	11	113.5
10	12.6	165.4
12	13	153.5

Fibre Count	Maximum Tensile Load	
	Install Newtons	Operation Newtons
2	570	285
4	1139	570
6	1709	855
8	2279	1139
10	2849	1424
12	3418	1709





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### Available with the following fibre sizes

- 62.5/125 $\mu$ m
- 50/125 $\mu$ m
- 50/125 $\mu$ m
- Singlemode
- OM1
- OM2
- OM3
- OS1

### Minimum Bend radius

- 10 times cable outside diameter with no load
- 15 times cable outside diameter with full load

### How to order cable:

Cable Series + Number of Fibres + Fibre size

e.g. LSZH25T-04-50 is a 4 core 50/125 $\mu$ m Breakout cable

