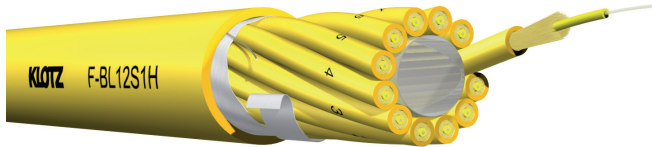


F-BL...H

FO Breakout Cable - I-V(ZN)HH n x .../125

- semi-tight buffered fibres (strippable up to 100 cm)
- up to 12 individual cables with strain relief
- Flame Retardant and Non-Corrosive (FRNC)



These cables are suitable for installation in buildings, cable ducts and trays. Because the cable design permits direct connector mounting, splicing is unnecessary. The semi-tight buffered core (maximum stripping length 1000 mm) is surrounded by aramid fibres for strain relief and sheathed by a halogen-free and flame-retardant material. Multiple cables of this type are stranded around a central element and sheathed by a halogen-free and flame-retardant overall sheath.

Diese Kabel eignen sich zur Verlegung in Gebäuden, Kabelkanälen und Trassen. Der Aufbau lässt eine direkte Steckermontage zu, so dass Spleißverbindungen entfallen können. Die Kompaktader (absetzbar bis 1000 mm) liegt, von Zugkraft aufnehmenden Aramidfasern umhüllt, in einem halogenfreien, flammwidrigen Elementmantel (Einfaserkabel). Mehrere dieser Einfaserkabel sind über ein Zentralelement verseilt und mit einem Außenmantel aus FRNC-Material geschützt.

| | |
|---------------------|---------------------------------------|
| Core Type | semi-tight buffered fibre, 0.90 mm Ø |
| Strain Relief | longitudinal aramid yarns |
| Element Jacket | FRNC, numbered, Ø 2.1 mm |
| Element Arrangement | elements stranded over central filler |
| Outer Seath | FRNC |

| | |
|------------------|-----------------------------|
| Adertyp | Kompaktader, 0,90 mm Ø |
| Zugentlastung | längslaufende Aramidfäden |
| Elementmantel | FRNC, nummeriert, Ø 2,1 mm |
| Elementanordnung | Elemente über Kern verseilt |
| Außenmantel | FRNC |

Properties

| | |
|----------------------------|-----------------------------|
| Min. Bending Radius | |
| Installation | 10 x overall diameter |
| Operation | 15 x outer diameter |
| Temperature Range | |
| Storage | -25 °C / +70 °C |
| Installation | -5 °C / +50 °C |
| Operation | -10 °C / +70 °C |
| Halogen-Free | IEC 60754-2 |
| Flame Retardant | IEC 60332-1 and IEC 60332-3 |
| Smoke Density | IEC 61034 |

Eigenschaften

| | |
|--------------------------|-----------------------------|
| Min. Biegeradius | |
| Verlegung | 10 x Außendurchmesser |
| Betrieb | 15 x Außendurchmesser |
| Temperaturbereich | |
| Lagerung | - 25 °C / +70 °C |
| Verlegung | - 5 °C / +50 °C |
| Betrieb | -10 °C / +70 °C |
| Halogenfrei | IEC 60754-2 |
| Flammwidrig | IEC 60332-1 und IEC 60332-3 |
| Rauchdichte | IEC 61034 |

orange aqua erica violet yellow

| Order Code Bestell-Nr. | No. of Fibres Faserzahl | Fibre Type Fasertyp | Fibre Category Faserkategorie | Outer Ø Außen Ø | Tensile Strength Zugfestigkeit | Heat of Combustion Brandlast | Colour Farbe | Weight Gewicht | Delivery Time Lieferzeit |
|---------------------------|----------------------------|------------------------|----------------------------------|--------------------|-----------------------------------|---------------------------------|-----------------|-------------------|-----------------------------|
| F-BL04F5H* | 4 | MM 50/125 | OM2e | 7.0 mm | 800 N | 1.1 MJ/m | orange | 45 g/m | |
| F-BL08F5H* | 8 | MM 50/125 | | 9.8 mm | 1000 N | 1.3 MJ/m | | 95 g/m | |
| F-BL12F5H* | 12 | MM 50/125 | | 12.5 mm | 1000 N | 1.6 MJ/m | | 155 g/m | |
| F-BL04M5H* | 4 | MM 50/125 | OM3 | 7.0 mm | 800 N | 1.1 MJ/m | orange | 45 g/m | |
| F-BL08M5H* | 8 | MM 50/125 | | 9.8 mm | 1000 N | 1.3 MJ/m | | 95 g/m | |
| F-BL12M5H* | 12 | MM 50/125 | | 12.5 mm | 1000 N | 1.6 MJ/m | | 155 g/m | |
| F-BL04M5A* | 4 | MM 50/125 | OM3 | 7.0 mm | 800 N | 1.1 MJ/m | aqua | 45 g/m | on inquiry auf Anfrage |
| F-BL08M5A* | 8 | MM 50/125 | | 9.8 mm | 1000 N | 1.3 MJ/m | | 95 g/m | |
| F-BL12M5A* | 12 | MM 50/125 | | 12.5 mm | 1000 N | 1.6 MJ/m | | 155 g/m | |
| F-BL04N5V* | 4 | MM 50/125 | OM4 | 7.0 mm | 800 N | 1.1 MJ/m | erica violet | 45 g/m | on inquiry auf Anfrage |
| F-BL08N5V* | 8 | MM 50/125 | | 9.8 mm | 1000 N | 1.3 MJ/m | | 95 g/m | |
| F-BL12N5V* | 12 | MM 50/125 | | 12.5 mm | 1000 N | 1.6 MJ/m | | 155 g/m | |
| F-BL04S1H* | 4 | SM 9/125 | OS2 | 7.0 mm | 800 N | 1.1 MJ/m | yellow | 45 g/m | |
| F-BL08S1H* | 8 | SM 9/125 | | 9.8 mm | 1000 N | 1.3 MJ/m | | 95 g/m | |
| F-BL12S1H* | 12 | SM 9/125 | | 12.5 mm | 1000 N | 1.6 MJ/m | | 155 g/m | |

*= available cable lengths in steps of 100 meters: B (100 m), D (200 m), F (300 m), H (400 m), K (500 m)