

BRUclean[®] 150W, corrugated

3_4_8

Fibre optic cable with central loose tube - armoured

Glass yarn strength members, corrugated steel tape for higher mechanical and chemical resistance

Construction

- PE outer sheath
- Corrugated steel tape
- Glass yarns with water-blocking tape
- Gel-filled loose tube
- Fibres with primary coating

Description

- Central loose tube with up to 24 fibres
- High permissible tensile strength
- Longitudinally and laterally watertight
- Excellent rodent protection
- Compact design, high flexibility
- Robust sheath
- Halogen-free cable sheath
- Suitable for blowing into pipe systems

Application

- Outdoors
- Laying directly in the ground

Temperature range

Operating temperature: -20° ... +60°C
 Storage temperature: -40° ... +70°C
 Installation temperature: ±0° ... +50°C

Jacket colour

Black with orange stripes similar to RAL 9005/2003
 Other colours on request

Standards

Additional Information see "Used standards" 3_0_9
 CPR fire reaction class Fca

Remarks

This cable is available with different fibre types, see data sheets Optical Fibres.
 Fibre and tube colours see "Colour codes/ properties" 3_0_3.
 Special labelling of outer sheath on request

LLK-D(QGW2YD)
 A-DQ(ZN)BW2Y



Technical data

| Type | No of fibres (max.) | Cable ø mm | Weight kg/km | Max. tensile strength short term N | Max. tensile strength long term N |
|------|---------------------|------------|--------------|------------------------------------|-----------------------------------|
| 1D25 | 12 | 9.8 | 85 | 2000 | 1500 |
| 1D30 | 24 | 9.8 | 95 | 2000 | 1500 |

| Type | Min. bending radius with tensile mm | Min. bending radius without tensile mm | Max. crush resistance N/cm |
|------|-------------------------------------|--|----------------------------|
| 1D25 | 20xD | 15xD | 300 |
| 1D30 | 20xD | 15xD | 300 |

