

BRUclean[®] 150+W, corrugated

3_4_6

Fibre optic cable with central loose tube - armoured

Glass yarn strength members, corrugated steel tape for chemical resistance

Construction

- PE outer sheath
- Corrugated steel tape
- PE inner sheath
- 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(QG2YDW2YD)
 A-DQ(ZN)B2YW2Y



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	13.2	180	2000	1500
1D30	24	13.2	185	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

