

# BRUclean<sup>®</sup> 150

3\_2\_1

**Fibre optic cable with central loose tube  
Non-metallic glass yarn strength members**

**Construction**

- PE outer 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
- Rodent protection
- Compact design, high flexibility, small bending radius
- 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: -10° ... +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(QG2YD)  
A-DQ(ZN)B2Y



**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	7.5	60	2000	1500
1D30	24	7.8	65	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	200

