

BRUclean[®] 250

3_2_2

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

Temperature range

Operating temperature: -20° ... +60°C
Storage temperature: -40° ... +70°C
Installation temperature: -10° ... +50°C

LLK-D(Q2G2YD)
A-DQ(ZN)B2Y

Construction

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

Jacket colour

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

Description

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

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



Application

- Outdoors
- Laying directly in the ground

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	9.6	90	3000	2500
1D30	24	9.9	100	3000	2500

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

