

# BRUclean<sup>®</sup> 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 stand-  
ards" 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/ prop-  
erties" 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

