

# BRUclean<sup>®</sup> 900 Jumbo

3\_2\_9

**Fibre optic cable with stranded loose tubes  
Non metallic glass yarn strength members**

**Construction**

- PE outer sheath
- Glass yarns
- Water-blocking tape
- 1st layer gel-filled loose tubes
- Fibres with primary coating
- 2nd layer gel-filled loose tubes
- Fibres with primary coating
- Water-blocking tape
- GFK central strength member

**Description**

- Up to 24 stranded loose tubes with up to 576 fibres in 2 layers
- High permissible tensile strength
- High crush resistance
- Longitudinally and laterally watertight
- Enhanced rodent protection
- Grease-free cable core
- Robust sheath
- Halogen-free cable sheath
- Suitable for blowing into pipe systems

**Application**

- Outdoors
- Laying directly in the ground

**Temperature range**

Operating temperature: -40° ... +70°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-SG18D(Q2G2YD)  
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
SG 18D25	216	18.4	340	11000	9000
SG 18D30	432	20.6	370	11000	9000
SG 24D25	288	20.6	350	11000	9000
SG 24D30	576	23.5	440	11000	9000

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Max. crush resistance N/cm
SG 18D25	20xD	15xD	300
SG 18D30	20xD	15xD	300
SG 24D25	20xD	15xD	300
SG 24D30	20xD	15xD	300

