

# BRUclean<sup>®</sup> mini, stranded

3\_2\_42

**Fibre optic mini cable with stranded loose tubes**  
**Non-metallic aramide yarn strength members**

**Temperature range**

Operating temperature: -20° ... +60°C  
 Storage temperature: -25° ... +70°C  
 Installation temperature: -10° ... +50°C

LLK-D(QK2YD)  
 A-DQ(ZN)2Y

**Construction**

- PE outer sheath
- 2 Ripcords
- Kevlar yarn
- Gel-filled loose tubes
- Fibres with primary coating
- FRP central strength member

**Jacket colour**

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

**Description**

- Up to 12 stranded loose tubes with up to 144 fibres
- Compact design
- High flexibility
- Longitudinally watertight
- Grease-free cable core
- 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
- FTTH

**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 6D18	72	6.6	33	1000	1000
SG 8D18	96	7.6	45	1000	1000
SG 12D18	144	10.6	80	1000	1000

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Max. crush resistance N/cm
SG 6D18	20xD	15xD	150
SG 8D18	20xD	15xD	150
SG 12D18	20xD	15xD	150

