

BRUclean[®] micro

3_2_51

Very compact fibre optic cable with stranded loose tubes

Construction

- PE outer sheath
- Ripcord
- Gel-filled loose tubes
- Fibres with primary coating
- FRP central strength member

Description

- 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

Application

- Outdoors
- FTTH
- Blowing into microtubes

Temperature range

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

Jacket colour

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

Standards

Fibres according ITU-T Rec. G.652D, option G.657A.
Additional Information see "Used standards" 3_0_9
CPR fire reaction class Fca

Remarks

Fibre and loose tube colours see colour codes/properties 3_0_3

LLK-SGnD(Q2YD)
A-DQ(ZN)2Y



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 6D15	24 (2x12)	5.8	28	500	100
SG 6D15	48 (4x12)	5.8	28	500	100
SG 6D15	72 (6x12)	5.8	28	500	100
SG 8D15	96 (8x12)	6.7	41	500	100
SG 12D15	144 (12x12)	8.6	64	1000	200

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Max. crush resistance N/cm
SG 6D15	20xD	15xD	50
SG 8D15	20xD	15xD	50
SG 12D15	20xD	15xD	50

