

BRUclean[®] 300W, corrugated

3_4_9_1

Fibre optic cable with stranded loose tubes - armoured

Glass yarn strength members, corrugated steel tape for higher mechanical and chemical resistance

Construction

- PE outer sheath
- Corrugated steel tape
- Glass yarns
- Water-blocking tape
- Gel-filled loose tube
- Water-blocking tape
- Fibres with primary coating
- GFK central strength member

Description

- Up to 12 stranded loose tubes with up to 288 fibres
- High permissible tensile strength
- Very high crush resistance
- Longitudinally and laterally watertight
- Excellent 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: -5° ... +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-SGnD(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
SG 5D25	60	13.8	210	5000	3000
SG 6D25	72	14.8	230	5000	3000
SG 8D25	96	16.9	270	5000	3000
SG 10D25	120	17.8	320	5000	3000
SG 12D25	144	19.9	380	5000	3000

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Max. crush resistance N/cm
SG 5D25	20xD	15xD	400
SG 6D25	20xD	15xD	400
SG 8D25	20xD	15xD	400
SG 10D25	20xD	15xD	400
SG 12D25	20xD	15xD	400

