

BRUniversal 250

3_9_2

**Universal fibre optic cable with central loose tube
Longitudinally watertight in combination with a
halogen-free and flame-retardant sheath**

Temperature range

Operating temperature: -20° ... +60°C
Storage temperature: -20° ... +70°C
Installation temperature: ±0° ... +50°C

LLK-D(Q2GH)
J/A-DQ(ZN)BH

Construction

- FRNC outer sheath
- Glass yarns with water-blocking tape
- Gel-filled loose tube
- Fibres with primary coating

Jacket colour

Green similar to RAL 6018
Other colours on request

Description

- Central loose tube with up to 24 fibres
- High permissible tensile strength
- High crush resistance
- Longitudinally and laterally watertight
- Enhanced rodent protection
- Compact design, high flexibility, small bending radiuses
- Robust sheath
- Halogen-free and flame-retardant cable sheath

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

- Indoors and outdoors

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	Combustion energy MJ/m
1D25	12	9.8	120	3000	2500	1.1
1D30	24	10.1	130	3000	2500	1.5

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

