

Metallic Fibre Optic Ground Cables

BRUduct[®]

3_7_5

Metallic underwater cable with minitubes to blow in non-metallic fibre optic cables. Excellent properties for installation in existing facilities.

Temperature range

Operating temperature: -40° ... +70°C
Storage temperature: -40° ... +70°C
Installation temperature: -10° ... +40°C

LLK-ISnPd

Construction

- Very robust and resistant outer sheath
- Armoured with aluminium alloy wires and/or galvanized steel wires

Jacket colour

Black similar to RAL 9005

Description

- Compact design
- High corrosion resistance
- High permissible tensile strength
- Watertight
- Excellent rodent protection
- Robust sheath
- Halogen-free cable sheath

Remarks

For suitable non-metallic fibre optic cables please refer to data sheets "BRUclean Mini" and "BRUclean Micro".
Other types on request



Application

- Underwater installations
- Use in chemically aggressive environments
- Installation in existing systems such as sewer systems, rainwater pipes etc.

Technical data

Type	Minitubes outer- ϕ ¹ mm	Recommended cable ϕ mm	Cable ϕ mm	Cable weight (approx.) kg/km	Max. Installation force kN
3 Minitubes	12	3 - 8	39.3	2769	40
6 Minitubes	12	3 - 8	52.5	4141	40

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Max. crush resistance N/cm
3 Minitubes	20xD	15xD	300
6 Minitubes	20xD	15xD	300

¹ Tube wall thickness 1.1 mm

