

Self-supporting aerial cable with fibre optics in fig. -8 arrangement with a metallic support strand

Construction

- PE outer sheath
- Galvanized steel strand
- Glass yarn
- Gel-filled loose tube
- Optical fibres with primary coating

Description

- Loose tube with up to 24 fibres
- High permissible tensile strength
- One sheath around steel strand and loose tube with fibre optics
- Construction for easy installation
- Metallic bearing and fibre optics can easily be separated for fibre optic handling
- Robust sheath
- Halogen-free, UV resistant cable sheath
- Insensitive against environmental influences such as wind, rain, snow, ice and solar radiation

Application

- Self-supporting applications
- For spans up to 100 meters

Temperature range

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

Jacket colour

Black similar to RAL 9005
 Other colours on request

Standards

Additional Information see "Used standards" 3_0_9

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.
 Accessories & Fittings for BRUair are available on request



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
1D25	12	10.5 x 5.0	65	*)	*)
1D30	24	11.0 x 5.5	70	*)	*)

Type	Min. bending radius with tensile mm	Min. bending radius without tensile mm	Breaking load N
1D25	20xD	15xD	6800
1D30	20xD	15xD	6800

*) Depending on installation details, to be clarified

