

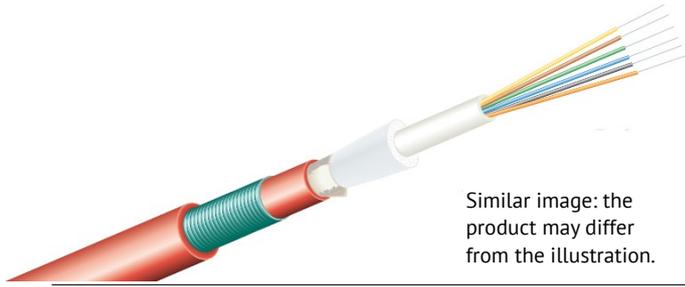
DATASHEET

FO 1x12 9/125 SM OS2 CST 9,0 mm DNV SHF1

Item no.: 2052



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Similar image: the product may differ from the illustration.

Description

Universal optical fiber central loose tube (jelly filled) cable with glass yarns as strength member, corrugated steel tape armor and low smoke zero halogen inner and outer jacket. This cable has improved rodent protection by corrugated steel tape.

Applications

For outdoor and indoor use in structured (data) wiring systems such as industrial backbone, campus backbone, building backbone (riser) and/or horizontal cabling. For outdoor and indoor use in networks for industrial, telecom, cable TV and/or broadcast. Easy to install in ducts, tunnels and/or tubes. The cable has DNV approval for marine and offshore applications.

Construction

Construction type	Central loose tube (CLT)
Fiber type	Singlemode OS2 G.652D & G.657A1
Fiber count	12
Fiber color coding	Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, aqua
Subunit	1 tube gel filled, PBT (white)
Subunit Ø	2,7 mm
Strength member	Glass yarns waterblocking
Wrapping	Glass tape fire resistant
Inner sheath	LSZH thermoplastic compound
Type of armor	Corrugated steel tape (CST) rodent protected
Jacket	LSZH SHF 1 (black)
Outer diameter	11,3 mm

Optical characteristics

Max. attenuation	1310 nm: < 0,40 dB/km 1550 nm: < 0,25 dB/km
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Technical data

Weight	140 kg/km
Temperature range	Installation: -5 °C to +65 °C Operation: -20 °C to +80 °C
Min. bend radius	Static: 15 x overall diameter Dinamic: 20 x overall diameter
Max. tensile strength	Installation: 1000 N Operation: 500 N
Max. crush resistance	3000 N/100 mm
Approvals	DNV
Standards	IEC 60794-1-21, IEC 60332-1-2, IEC 60332-3-22 Cat. A, IEC 60331-25, EN 50200 Annex E, IEC 60754-2, IEC 61034-2
REACH	Compliant
EU Directive 2011/65/EU (RoHS 2)	Compliant