

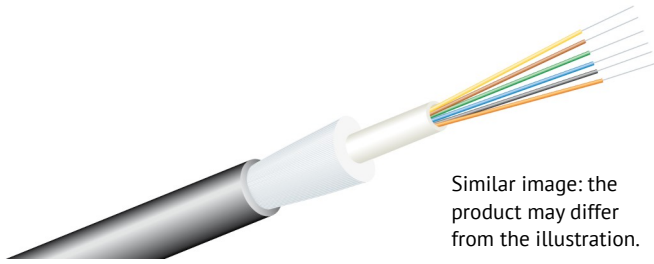
DATASHEET

FO 1x12 50/125 MM OM5 7,5 mm CPR Cca

Item no.: 2055



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Description

Universal optical fiber central loose tube (jelly filled) cable with glass yarns as strength member and low smoke zero halogen outer jacket. This cable has standard rodent protection by glass yarns.

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 fire protection class Cca according to EN 50575 and is suitable for installation in buildings with high fire requirements.

Construction

Construction type	Central loose tube (CLT)
Fiber type	Multimode OM5 G.651
Fiber count	12
Fiber color coding	Blue, orange, green, brown, gray, white, red, black, yellow, violet, pink, aqua
Subunit	1 tube gel filled (LSZH white)
Subunit Ø	2,7 mm
Strength member	Glass yarns waterblocking
Type of armor	Non-armored
Jacket	LSZH halogen-free, flame retardant thermoplastic compound (black)
Outer diameter	7,5 mm

Optical characteristics

Max. attenuation	1300 nm: < 1,0 dB/km 850 nm: < 2,8 dB/km
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Technical data

Weight	70 kg/km
Temperature range	Installation: -5 °C to +65 °C Operation: -20 °C to +80 °C
Min. bend radius	Static: 10 x overall diameter Dinamic: 20 x overall diameter
Max. tensile strength	Installation: 3000 N Operation: 1000 N
Max. crush resistance	2000 N/100 mm for 15 min.
Water penetration	No water leakage in 24 h up to the inner sheath
Fire class acc. to EN 50575	Cca-s1a,d0,a1
Standards	IEC 60794-1-21/22, IEC 60332-1-2, IEC 60754-2, IEC 61034-2
REACH	Compliant
EU Directive 2011/65/EU (RoHS 2)	Compliant