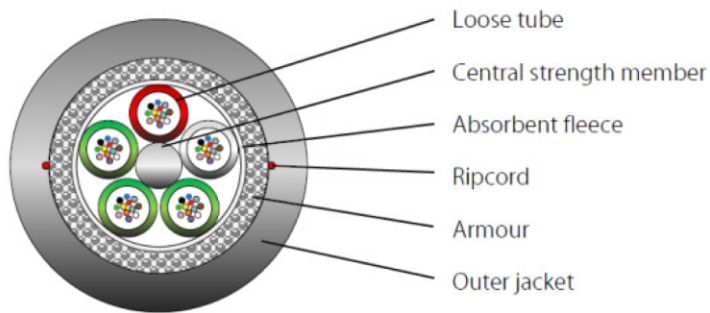


DATASHEET

50/125μ, OM3 B2ca



Description

Application:

For fixed installation indoor and outdoor

In cable ducts, tubes and interconnections

Mechanical installation by winch is permitted only when using force meters with recording function

Not suitable for underground laying (direct buried)

Characteristics:

Universale cable

Suitable for connector assembly

The cable diameter can vary

General data

Application	indoor/outdoor
Blow in	False
Radial water blocking	False
Longitudinal water blocking	True
UV resistant	True
Cable metal free	True
With rodent protection	True
Circuit integrity	NoNono

Mechanical characteristics

Crush resistance	3000 N/dm
Longitudinally watertight	3/24 m/h

Cable construction

Fibre type	Multimode 50/125
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DATASHEET

50/125µ, OM3 B2ca

Cable construction

Fibre category	OM3
Type of tube	verseilte Bündelader
Fiber marking	colour
Tube marking	colour
With strain relief	True
Armouring	True

Cable sheath

Material outer sheath	LSZH
Euro Class	B2ca
Colour outer sheath	black
Flame retardant	According to EN 60332-1-2
Halogen free	acc. EN 60754-1/2
Low smoke	acc. to EN 61034-2
Oil resistant	No
Resistant to chemicals	False

Environmental conditions

Temperature Range (Operation)	-40 – 80 °C
Temperature Range (Storage)	-40 – 80 °C
Temperature Range (Installation)	-5 – 60 °C

Transmission characteristics

Rayleigh Backscatter Coefficient 850nm	1.483
Rayleigh Backscatter Coefficient 1300nm	1.478
IL max. (dB/km) 850nm	2.5
IL max. (dB/km) 1300nm	0.7

Standards, approvals, certifications

Harmonized standard	EN 50575
Transmission standards	IEEE 802.3 10Mbit to 100Gbit

Available variants

Article no.	Title	VDE-Name	Construct	Cable Ø	Weight	Bending radius	Tensile Force
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