

product type designation

product description

MM FO cord ST(BFOC)/LC, 50/125

Multimode glass fiber-optic cable, preassembled

MM FO cord BFOC/LC; 50/125; pre-assembled with 1x LC duplex plug and 2x BFOC plugs; length 3.0 m.

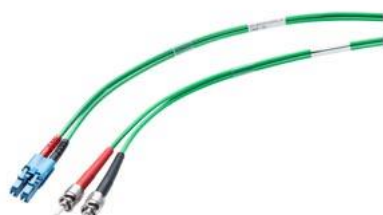


Figure similar

suitability for use

Cable for applications in the control cabinet

version of the assembled FO cable

Pre-assembled with 1x LC DUPLEX connector and 2x BFOC connector

cable designation

I-V(ZN)H 2x50/125 OM4

wire length

3 m

optical data

attenuation factor per length

- at 650 nm / maximum
- at 850 nm / maximum
- at 1300 nm / maximum

5 dB/km
3.5 dB/km
1.5 dB/km

bandwidth length product

- at 850 nm
- at 1300 nm

500 GHz·m
1300 GHz·m

mechanical data

number of fibers / per FOC core

1

number of FO cores / per FOC cable

2

version of the FO conductor fiber

Multi-mode gradient fiber 50/125 µm, OM 4

design of the FOC core

Fixed core

outer diameter

- of the optical fibers
- of the optical fiber sheath
- of the FOC core sheath

50 µm
125 µm
2.8 mm

width / of cable sheath

5.9 mm

thickness / of cable sheath

2.8 mm

material

- of the fiber-optic cable core
- of the optical fiber sheath
- of the FOC core sheath
- of the fiber-optic cable sheath
- of the strain relief

Quartz glass
Quartz glass
FR-LSZH
LSZH
Aramid fibers

color

- of the FOC core sheath

green/green

bending radius

- with single bend / minimum permissible

42 mm

tensile load

- during installation / short-term
- during operation / maximum

500 N
500 N

continuous shear force per length

100 N/cm

ambient conditions	
ambient temperature	
• during operation	-30 ... +70 °C
• during storage	-30 ... +70 °C
• during transport	-30 ... +70 °C
• during installation	-5 ... +50 °C
fire behavior	flame-resistant acc. to IEC 60332-3-22 (Cat. A)
protection class IP	IP20
product features, product functions, product components / general	
product feature	
• halogen-free	Yes
• silicon-free	Yes
product component / rodent protection	No
standards, specifications, approvals	
certificate of suitability	
• RoHS conformity	Yes
reference code	
• according to IEC 81346-2	WH
• according to IEC 81346-2:2019	WHA
further information / internet links	
internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
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