

product type designation

product description

MM FO CORD SC/SC, 50/125

Multimode glass fiber-optic cable, preassembled

MM FO Cord SC/SC; 50/125; pre-assembled with 2x SC duplex connectors; length 1.0 m.

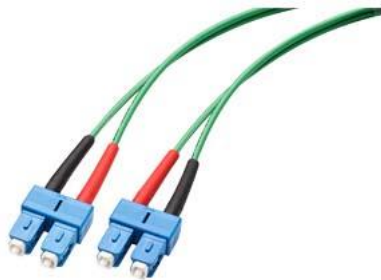


Figure similar

suitability for use

version of the assembled FO cable

cable designation

wire length

Cable for applications in the control cabinet

Pre-assembled with 2x SC DUPLEX connectors

I-V(ZN)H 2x50/125 OM2

1 m

optical data

attenuation factor per length

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

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 2

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

<ul style="list-style-type: none"> • during operation • during storage • during transport • during installation 	-30 ... +70 °C
fire behavior	-30 ... +70 °C
protection class IP	-30 ... +70 °C
	-5 ... +50 °C
	flame-resistant acc. to IEC 60332-3-22 (Cat. A)
	IP20
product features, product functions, product components / general	
product feature	
<ul style="list-style-type: none"> • halogen-free • silicon-free 	Yes
product component / rodent protection	Yes
	No
standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> • RoHS conformity 	Yes
reference code	
<ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	WH
	WHA
further information / internet-Links	
Internet-Link	
<ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Selection guide for cables and connectors • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support 	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter https://sie.ag/2QdlxcP http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
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