

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 2.0 m.



Figure similar

Technical Product Detail Page

<https://l.siemens.com/1P6XV1843-5EH20-0AB0>

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

2 m

optical data

attenuation factor per length

- at 650 nm / maximum 5 dB/km
- at 850 nm / maximum 3.5 dB/km
- at 1300 nm / maximum 1.5 dB/km

bandwidth length product

- at 850 nm 500 GHz·m
- at 1300 nm 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 50 µm
- of the optical fiber sheath 125 µm
- of the FOC core sheath 2.8 mm

width / of cable sheath

5.9 mm

thickness / of cable sheath

2.8 mm

material

- of the fiber-optic cable core Quartz glass
- of the optical fiber sheath Quartz glass
- of the FOC core sheath FR-LSZH
- of the fiber-optic cable sheath LSZH
- of the strain relief 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 500 N

<ul style="list-style-type: none"> during operation / maximum 	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 -30 ... +70 °C -30 ... +70 °C -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	
<ul style="list-style-type: none"> halogen-free silicon-free 	Yes Yes
product component / rodent protection	No
standards, specifications, approvals	
certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity 	Yes
further information / internet links	
internet link	
<ul style="list-style-type: none"> to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to website: Industrial communication to web page: SiePortal to website: Image database to website: CAX-Download-Manager to website: Industry Online Support 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com
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last modified:

11/11/2025 