

product type designation

product description

MM FO CORD LC/LC, 50/125

Multimode glass fiber-optic cable, preassembled

MM FO Cord LC/LC; 50/125; pre-assembled with 2x LC full duplex connectors; length 2.0 m.



Figure similar

suitability for use	Cable for applications in the control cabinet
version of the assembled FO cable	Pre-assembled with 2x LC DUPLEX connectors
cable designation	I-V(ZN)H 2x50/125 OM4
wire length	2 m
optical data	
attenuation factor per length	
• 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
• 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 	<p>-30 ... +70 °C</p> <p>-30 ... +70 °C</p> <p>-30 ... +70 °C</p> <p>-5 ... +50 °C</p>
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 	<p>Yes</p> <p>Yes</p>
product component / rodent protection	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 	<p>WH</p> <p>WHA</p>

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 	<p>https://support.industry.siemens.com/cs/ww/en/view/109766358</p> <p>https://www.siemens.com/tstcloud</p> <p>https://www.siemens.com/simatic-net</p> <p>https://sieportal.siemens.com/</p> <p>https://www.automation.siemens.com/bilddb</p> <p>https://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

security information / header

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Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)

[Declaration of Conformity](#)

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