

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	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
• 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
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 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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