

product type designation	SM FO CORD LC/LC, 9/125
product description	Singlemode glass fiber-optic cable, preassembled
	SM FO Cord LC/LC; 9/125, pre-assembled with 2x LC 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 2E9/125 G.652D
wire length	2 m

optical data	
attenuation factor per length	
• at 1300 nm / maximum	0.4 dB/km
• at 1550 nm / maximum	0.3 dB/km

mechanical data	
number of fibers / per FOC core	1
number of FO cores / per FOC cable	2
version of the FO conductor fiber	Singlemode glass fiber 9/125 µm
design of the FOC core	Fixed core
outer diameter	
• of the optical fibers	9 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	
• during operation	-30 ... +70 °C
• during storage	-30 ... +70 °C

<ul style="list-style-type: none"> • during transport 	-30 ... +70 °C
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • halogen-free 	Yes
<ul style="list-style-type: none"> • silicon-free 	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 	WH
<ul style="list-style-type: none"> • according to IEC 81346-2:2019 	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

security information / header

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Approvals / Certificates

General Product Approval

[Manufacturer Declaration](#)



[Declaration of Conformity](#)

last modified:

10/9/2024