

product type designation	SM FO CORD SC/LC, 9/125
product description	Singlemode glass fiber-optic cable, preassembled
	SM FO Cord SC/LC; 9/125, pre-assembled with 1x SC duplex connector and 1x LC duplex connector; length 1.0 m.
 Figure similar	
suitability for use	Cable for applications in the control cabinet
version of the assembled FO cable	Pre-assembled with 1x SC DUPLEX connector and 1x LC DUPLEX connector
cable designation	I-V(ZN)H 2E9/125 G.652D
wire length	1 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

- during transport - during installation	-30 ... +70 °C
fire behavior	-5 ... +50 °C
protection class IP	flame-resistant acc. to IEC 60332-3-22 (Cat. A)
	IP20

product features, product functions, product components / general

product feature	
- halogen-free - silicon-free	Yes Yes
product component / rodent protection	No

standards, specifications, approvals

certificate of suitability	
RoHS conformity	Yes
reference code	
- according to IEC 81346-2 - according to IEC 81346-2:2019	WH WHA

further information / internet links

internet link	
- to web page: SiePortal - to website: Image database - to website: Industry Online Support	https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://support.industry.siemens.com

security information / header

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Approvals / Certificates

General Product Approval	Environment
Manufacturer Declaration   	Confirmation

Industrial Communication

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