

Product type designation		Fiber optic standard cable
		SIMATIC NET, FIBER OPTIC CABLE (62.5/125),STANDARD CABLE, SPLITTABLE, W/O CONNECTOR, SOLD BY THE METER MAX. LENGTH: 2000 M MIN. LENGTH ORDERED: 20 M
Product description		Flexible glass fiber-optic cable, sold by the meter, unassembled
Cable designation		AT-V(ZN)YY 2X1 G 62.5/125
Optical data		
Damping ratio per length		
• at 850 nm / maximum		3.1 dB/km
• at 1300 nm / maximum		0.8 dB/km
Bandwidth length product		
• at 850 nm		200 GHz·m
• at 1300 nm		600 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		Multimode graded-index fiber 62.5/125 µm, OM 1
Design of the fiber-optic cable		Segmentable outer conductor
Outer diameter		
• of the optical fibers		62.5 µm
• of the optical fiber sheath		125 µm
• of the FOC core sheath		3.5 mm
Width / of cable sheath		9.8 mm
Thickness / of cable sheath		6.3 mm

Material	
• of the FOC core sheath	PVC
• of the fiber-optic cable sheath	PVC
Color	
• of cable sheath	Black
Bending radius	
• with single bend / minimum permissible	80 mm
• with multiple bends / minimum permissible	80 mm
Tensile load / maximum	1500 N
Continuous lateral force per length	200 N/cm
Weight per length	70 kg/km
Permitted ambient conditions	
Ambient temperature	
• during operation	-40 ... +85 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
• during installation	-5 ... +50 °C
Burning behavior	
• to mineral oil	not resistant
• to grease	not resistant
• to water	Conditional resistance
Product properties, functions, components / general	
Product property	
• halogen-free	No
• silicon-free	Yes
Product component / Rodent protection	No
Cable length	
• for glass FOC	
• for 100BaseFX / for Industrial Ethernet / maximum	4000 m
• for 1000BaseSX / for Industrial Ethernet / maximum	350 m
• for 1000BaseLX / for Industrial Ethernet / maximum	550 m
• for glass FOC / with PROFIBUS / maximum	3000 m
Standards, specifications, approvals	
Certificate of suitability	
• RoHS conformity	Yes
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net

- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

letzte Änderung:

<http://www.siemens.com/automation/net/catalog>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<http://support.automation.siemens.com>

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