

Product-type designation	Flexible fiber optic trailing cable
	SIMATIC NET, FLEXIBLE FIBER OPTIC CABLE (62.5/125), TRAILING CABLE, SPLITTABLE, PREASSEMBLED WITH 4 BFOC CONNECTORS, LENGTH: 10 M
	
Product description	Flexible glass fiber-optic cable, preferred length, preassembled
Cable designation	AT-W11Y(ZN)11Y 2 G 62.5/125
Cable length	10 m
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 FOC cores / per FOC cable	2
Design of the fiber-optic cable	Segmentable outer conductor
Outer diameter	
• of optical fibers	62.5 µm
• of the optical fiber sheath	125 µm
• of the FOC core sheath	3.5 mm
Outer diameter / of the cable	12.9 mm
Material	

• of the FOC core sheath	PUR
• of the fiber-optic cable sheath	PUR
Color	
• of the cable sheath	Black
Bending radius	
• with single bend / minimum permissible	150 mm
• with multiple bends / minimum permissible	150 mm
Number of bending cycles	100000
Traction stress / maximum	1000 N
Weight per length	130 kg/km
Permitted ambient conditions	
Ambient temperature	
• during operating	-30 ... +60 °C
• during storage	-30 ... +70 °C
• during transport	-30 ... +70 °C
• during installation	-30 ... +60 °C
Protection class IP	IP20
Chemical resistance	
• to grease	resistant
Product properties, functions, components / general	
Product feature	
• halogen-free	Yes
• 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 / for PROFIBUS / maximum	3000 m
Standards, specifications, approvals	
Verification of suitability	
• RoHS conformity	Yes
letzte Änderung:	Aug 6, 2014