

Product type designation	
PCF Trailing Cable	
SIMATIC NET PCF TRAILING CABLE, PREASSEMBLE WITH 2X2 BFOC CONNECTORS, INSERTION GUIDE, LENGTH 100 M	
	
Product description	PCF fiber-optic cable with plastic cladding, preferred length, preassembled
Cable designation	AT-V(ZN)Y(ZN)11Y 2K 200/230
Cable length	100 m
Optical data	
Damping ratio per length	
• at 650 nm / maximum	10 dB/km
• at 660 nm / maximum	10 dB/km
Bandwidth length product	
• at 650 nm	17 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	Step index fiber 200/230 µm
Outer diameter	
• of the optical fibers	200 µm
• of the optical fiber sheath	230 µm
• of the FOC core sheath	2.2 mm
Symmetrical deviation / of the outer diameter of the FOC core sheath	0.1 mm
Outer diameter / of the cable	8.8 mm

Symmetrical deviation / of the outer diameter of the line	0.5 mm
Material	
• of the FOC core sheath	PVC
• of the fiber-optic cable sheath	PUR
Color	
• of cable sheath	green
Bending radius	
• with single bend / minimum permissible	130 mm
• with multiple bends / minimum permissible	175 mm
Number of bending cycles	5000000
Tensile load / maximum	800 N
Short-term shear force per length	500 N/cm
Continuous lateral force per length	300 N/cm
Weight per length	85 kg/km
Permitted ambient conditions	
Ambient temperature	
• during operation	-25 ... +75 °C
• during storage	-30 ... +75 °C
• during transport	-30 ... +75 °C
• during installation	-5 ... +50 °C
Burning behavior	
• to mineral oil	resistant
• to grease	resistant
Protection class IP	IP20
Product properties, functions, components / general	
Product property	
• halogen-free	No
• silicon-free	Yes
Product component / Rodent protection	No
Cable length	
• for PCF FOC / for Industrial Ethernet / maximum	100 m
• for PCF FOC / with PROFIBUS / maximum	400 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>

Nov 3, 2014