

Product-type designation	PCF Trailing Cable GP
<p>Product description</p> <p>Cable designation</p> <p>Cable length</p>	<p>SIMATIC NET PCF TRAILING CABLE GP, PREASSEMBLED WITH 2X2 SIMPLEX CONNECTORS, INSERTION GUIDE, LENGTH 200 M</p> <p>PCF fiber-optic cable with plastic cladding, preferred length, preassembled</p> <p>AT-V(ZN)Y(ZN)Y 2K 200/230</p> <p>200 m</p>
Optical data	
<p>Damping ratio per length</p> <ul style="list-style-type: none"> • at 650 nm / maximum • at 660 nm / maximum <p>Bandwidth length product</p> <ul style="list-style-type: none"> • at 650 nm 	<p>10 dB/km</p> <p>10 dB/km</p> <p>17 GHz·m</p>
Mechanical data	
<p>Number of fibers / per FOC core</p> <p>Number of FOC cores / per FOC cable</p> <p>Version of the FO conductor fiber</p> <p>Outer diameter</p> <ul style="list-style-type: none"> • of optical fibers • of the optical fiber sheath • of the FOC core sheath <p>Symmetrical deviation / of the outer diameter of the FOC core sheath</p> <p>Outer diameter / of the cable</p>	<p>1</p> <p>2</p> <p>Step index fiber 200/230 μm</p> <p>200 μm</p> <p>230 μm</p> <p>2.2 mm</p> <p>0.1 mm</p> <p>8.8 mm</p>



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	PVC
Color	
• of the cable sheath	green
Bending radius	
• with single bend / minimum permissible	130 mm
• with multiple bends / minimum permissible	175 mm
Number of bending cycles	5000000
Traction stress / 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 operating	-25 ... +75 °C
• during storage	-30 ... +75 °C
• during transport	-30 ... +75 °C
• during installation	-5 ... +50 °C
Protection class IP	IP20
Chemical resistance	
• to mineral oil	Conditional resistance
• to grease	Conditional resistance

Product properties, functions, components / general

Product feature	
• 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 / for PROFIBUS / maximum	400 m

Standards, specifications, approvals

Verification of suitability	UL approval: OFN (NEC Article 770, UL 1651) / CSA approval: OFN 90 °C, FT1, FT4 (CSA standard C22.2 No. 232-M1988)
• RoHS conformity	Yes

letzte Änderung: Aug 6, 2014