

Product-type designation

PCF Trailing Cable



SIMATIC NET PCF TRAILING CABLE,
(200/230) TRAILING CABLE, SPLITTABLE,
W/O CONNECT.,
SOLD BY THE METER MAX. LENGTH: 2000 M MIN.
ORDER LENGTH: 20 M

Product description

PCF fiber-optic cable with plastic cladding, sold by the meter,
unassembled

Cable designation

AT-V(ZN)Y(ZN)11Y 2K 200/230

Optical data

Damping ratio per length

- at 650 nm / maximum
- at 660 nm / maximum

10 dB/km

10 dB/km

Bandwidth length product

- at 650 nm

17 GHz·m

Mechanical data

Number of fibers / per FOC core

1

Number of FOC cores / per FOC cable

2

Version of the FO conductor fiber

Step index fiber 200/230 µm

Outer diameter

- of optical fibers
- of the optical fiber sheath
- of the FOC core sheath

200 µm

230 µm

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 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
Chemical resistance	
• to mineral oil	resistant
• to grease	resistant
• to water	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	
• RoHS conformity	Yes
letzte Änderung:	Aug 6, 2014