

**Product-type designation** FC FO trailing cable



FC FO TRAILING CABLE (62.5/200/230), TRAILING CABLE , SPLITTABLE, SOLD BY THE METER MAX. LENGTH: 1000 M MINIMAL ORDER: 20 M

**Product description** Flexible glass fiber-optic cable for assembly in the field, sold by the meter, unassembled

**Cable designation** AT-V(ZN)Y(ZN)11Y 2GK 62.5/200/230

**Optical data**

<b>Damping ratio per length</b>	
• at 650 nm / maximum	180 dB/km
• at 850 nm / maximum	3.2 dB/km
• at 1300 nm / maximum	0.9 dB/km
<b>Bandwidth length product</b>	
• at 850 nm	200 GHz·m
• at 1300 nm	500 GHz·m

**Mechanical data**

<b>Number of fibers / per FOC core</b>	1
<b>Number of FOC cores / per FOC cable</b>	2
<b>Version of the FO conductor fiber</b>	Multi-mode gradient fiber 62.5/200/230 µm
<b>Design of the fiber-optic cable</b>	Segmentable cable
<b>Outer diameter</b>	
• of optical fibers	62.5 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 the cable sheath	green
Bending radius	
• with single bend / minimum permissible	88 mm
• with multiple bends / minimum permissible	88 mm
• with continuous bending	88 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	65 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 glass FOC	
• for 100BaseFX / for Industrial Ethernet / maximum	3000 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

**letzte Änderung:**

Yes

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