

Product-type designation

MM FO Robust Cable GP



MM FO ROBUST CABLE GP (2G50/125);
CABLE FOR INDOOR AND OUTDOOR WITH
PROTECTION AGAINST RODENTS,
SPLITTABLE, W/O CONNECTOR,
SOLD BY THE M MIN. ORDER QUANTITY: 20 M,
MAX. LENGTH 2000 M

Product description

Glass fiber-optic cable, sold by the meter, unassembled

Cable designation

AT-V(ZN)H(ZN)BH 2G50/125

Optical data

Damping ratio per length

- at 850 nm / maximum
- at 1300 nm / maximum

2.7 dB/km

1 dB/km

Bandwidth length product

- at 850 nm
- at 1300 nm

600 GHz·m

1200 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

Multi-mode gradient fiber 50/125/245 µm, OM2

Design of the fiber-optic cable

Segmentable

Outer diameter

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

50 µm

125 µm

2.2 mm

Outer diameter / of the cable

7.5 mm

Material

• of the FOC core sheath	PE flame retardant
• of the fiber-optic cable sheath	PE flame retardant
Color	
• of the cable sheath	Black
Bending radius	
• with single bend / minimum permissible	25 mm
• with multiple bends / minimum permissible	40 mm
Traction stress / maximum	1000 N
Short-term shear force per length	600 N/cm
Continuous lateral force per length	200 N/cm
Weight per length	67 kg/km
Permitted ambient conditions	
Ambient temperature	
• during operating	-40 ... +70 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
• during installation	-20 ... +60 °C
Chemical resistance	
• to mineral oil	Conditional resistance
• to grease	Conditional resistance
• to water	resistant
Product properties, functions, components / general	
Product feature	
• halogen-free	Yes
• silicon-free	Yes
Product component / Rodent protection	Yes
Cable length	
• for glass FOC • for 100BaseFX / for Industrial Ethernet / maximum • for 1000BaseSX / for Industrial Ethernet / maximum • for 1000BaseLX / for Industrial Ethernet / maximum • with 10GBaseSR / with Industrial Ethernet / maximum • for glass FOC / for PROFIBUS / maximum	5000 m 750 m 2000 m 60 m 3000 m
Standards, specifications, approvals	
Verification of suitability	
• RoHS conformity	Yes
Further Information / Internet Links	
Internet-Link	
• to website: Industry Mall	http://www.siemens.com/industrial-controls/mall

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- 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/snst>

<http://www.siemens.com/simatic-net>

<http://www.siemens.com/automation/net/catalog>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<http://support.automation.siemens.com>

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