HITRONIC® PCF SIMPLEX Cable

Polymer Cladded Fibre as simplex fibre cable version for indoor or outdoor use, pur outer sheath; halogen-free

HITRONIC® PCF SIMPLEX cable for different applications, sub-cable diameter 2.9 mm, cable colour black
A-V(ZN)11Y

Info
For direct connector assembly

- Halogen-free
- Low weight
- UV-resistant

Benefits
Transmission lengths up to 500 m
Suitable for direct connector assembly
High mechanical strength
UV-resistant
EMC protection

Application range
For data transmission in field bus systems, such as PROFIBUS, INTERBUS etc.
Industrial environments

Product features
Possible transmission wavelengths:
650 nm and 850 nm
Outer sheath flame-retardant and halogen-free

Product Make-up
Tight-buffered fibres
Aramid yarns as strain relief
PUR outer sheath

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You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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Colour: black (RAL 9005)

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000034 ETIM 5.0 Class-Description: Fibre optic cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000034 ETIM 6.0 Class-Description: Fibre optic cable
Dimensions:	2.9mm
Fibre type:	PCF - K200/230 PCF - Polymer Cladded Fibre
Minimum bending radius:	Static: ≥ 15 x outer diameter Dynamic: ≥ 20 x outer diameter
Standard designation:	A-V(ZN)11Y
Optical fibre type:	Core material: glass Cladding material: fluoropolymers
Permissible tensile force:	Fixed installation: 200 N
Temperature range:	Operation: -10 °C to +60 °C Installation: -10 °C to +50 °C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.
The cables can also be supplied as pre-terminated fibre optic trunks.
Photographs and graphics are not to scale and do not represent detailed images of the respective products.
Prices are net prices without VAT and surcharges. Sale to business customers only.

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Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
28600701	HITRONIC® PCF SIMPLEX PUR Outdoor	200/230 PCF	1	2.9	7.5

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