

## 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

Last Update (25.04.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.

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## HITRONIC® PCF SIMPLEX Cable

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: $\geq 15 \times$ outer diameter Dynamic: $\geq 20 \times$ 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: $-10^{\circ}\text{C}$ to $+60^{\circ}\text{C}$ Installation: $-10^{\circ}\text{C}$ to $+50^{\circ}\text{C}$

### 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.

**HITRONIC® PCF SIMPLEX Cable**

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