

PCF - Plastic Cladded Fibre Cable • One Buffered Fibre Applications (SIMPLEX)







HITRONIC® PCF SIMPLEX Cable

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



· For direct connector assembly

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

Product Make-up

- · Tight-buffered fibres
- · Aramid yarns as strain relief
- · PUR outer sheath
- Colour: black (RAL 9005)

Technical data



Classification ETIM 5/6

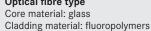
ETIM 5.0/6.0 Class-ID: EC000034 ETIM 5.0/6.0 Class-Description: Fibre optic cable

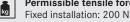


PCF - K200/230

Minimum bending radius Static: ≥ 15 x outer diameter Dynamic: ≥ 20 x outer diameter

A-V(ZN) 11Y





Operation: -10°C to +60°C Installation: -10°C to +50°C

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

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.

Accessories

- PCF Assembly Sets refer to page 496
- PCF Connector HFBR refer to page 495

- PCF Connector F-SMA and ST(BFOC) refer to page 495
- PCF Cutting Tools refer to page 497



Dimensions 2.9mm

Fibre type

PCF - Polymer Cladded Fibre

Standard designation

