

U.I. Lapp GmbH	PRODUCT INFORMATION	
	HITRONIC® PCF DUPLEX	12.09.2012

Transmission lengths up to 500 m
Suitable for direct connector assembly
Good resistance to oil, petrol, acids and alkalis
High mechanical strength
EMC protection



Info

PCF DUPLEX Indoor: J-V(ZN)H11Y 2K200/230
PCF DUPLEX Outdoor: A-VQ(ZN)HB2Y 2K200/230
Plastic-clad fibre (PCF) cable compatible with all BUS systems

Application range

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

Design

Colour-coded, tight-buffered PCF sub-cable with FRNC sheath
Aramid yarns as strain relief
PUR outer sheath (indoor); PE outer sheath (outdoor)
Colour: orange (indoor); black (outdoor)

Product features

Possible transmission wavelengths: 650 nm and 850 nm
Complies with requirements for all BUS systems
Halogen-free outer sheath

Remark

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 are not to scale and do not represent detailed images of the respective products.

Technical Data

Minimum bending radius:	Static: $\geq 15 \times$ outer diameter Dynamic: $\geq 20 \times$ outer diameter
Optical fibre type:	Core material: glass Cladding material: fluoropolymers
Temperature range:	Operation: -20 °C to +70 °C Installation: -10 °C to +50 °C
Permissible tensile force:	Fixed installation: 400 N (indoor) 500 N (outdoor) Short-term: 1200 N (indoor) 1500 N (outdoor)

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Part number	Article designation	Fibre type	Number of fibres	Outer diameter (mm)	Weight (kg/km)
28020702	HITRONIC® PCF DUPLEX FRNC-PUR Indoor	200/230 PCF	2	8	55
28620702	HITRONIC® PCF DUPLEX FRNC-PE Outdoor	200/230 PCF	2	10.5	90