

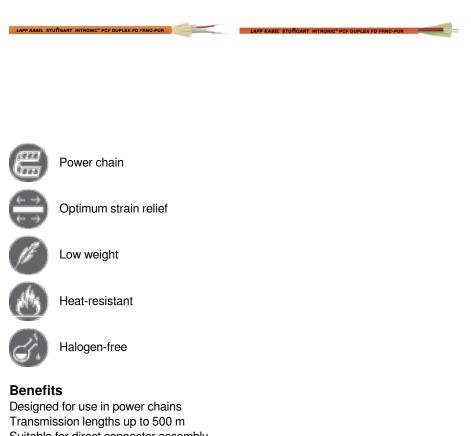
HITRONIC® PCF DUPLEX FD cables

Polymer Cladded Fibre as duplex fibre cable version for flexible applications, PUR outer sheath, halogen-free

HITRONIC® PCF DUPLEX cable version with PUR outer sheath for use in power chains, cable colour orange A/J-V(ZN)H11Y 2K200/230

Info

Flexible PCF cable compatible with all BUS systems



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

Application range

For highly flexible applications For data transmission in field bus systems, such as PROFIBUS, INTERBUS etc. As a link between moving parts Industrial environments

Product features

Possible transmission wavelengths:

Last Update (23.12.2023) ©2023 Lapp Group - Technical changes reserved Product Management www.lappkabel.de You can find the current technical data in the corresponding data sheet. PN 0456 / 02_03.16



PRODUCT INFORMATION

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650 nm and 850 nm Complies with requirements for all BUS systems Outer sheath flame-retardant and halogen-free

Product Make-up

Colour-coded, tight-buffered PCF sub-cable with FRNC sheath Sub cable outer diameter: 2.2mm Aramid yarns as strain relief PUR outer sheath Colour: orange (RAL 2003)

Technical Data
Classification ETIM 5:

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: Buffered fibre: 0.5mm Single cable: 2.2 mm Cable: 8.8mm Core identification code: red, green PCF - K200/230 Fibre type: PCF - Polymer Cladded Fibre Minimum bending radius: Static: \geq 15 x outer diameter Dynamic: \geq 20 x outer diameter Standard designation: A/J-V(ZN)H11Y Optical fibre type: Core material: glass Cladding material: fluoropolymers Fixed installation: 800 N Permissible tensile force: Short-term: 2000 N Operation: -20 °C to +70 °C Temperature range: 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.

ETIM 5.0 Class-ID: EC000034

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.

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
28320702	HITRONIC® PCF DUPLEX FD FRNC-PUR	200/230 PCF	2	8.8	63
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