

## 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



Power chain



Optimum strain relief



Low weight



Heat-resistant



Halogen-free

### Benefits

Designed for use in power chains  
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:

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

PN 0456 / 02\_03.16

## HITRONIC® PCF DUPLEX FD cables

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-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:	Buffered fibre: 0.5mm Single cable: 2.2 mm Cable: 8.8mm
Core identification code:	red, green
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/J-V(ZN)H11Y
Optical fibre type:	Core material: glass Cladding material: fluoropolymers
Permissible tensile force:	Fixed installation: 800 N Short-term: 2000 N
Temperature range:	Operation: -20 °C to +70 °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.

**HITRONIC® PCF DUPLEX FD cables**

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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