

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

Last Update (19.12.2024)

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Product Management www.lappkabel.de

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

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