

HITRONIC® POF DUPLEX BUFFERED FIBRES

Polymer optical fibre as duplex buffered fibres version with PE sheath

HITRONIC® POF DUPLEX PE, POF twin buffered fibres with PE buffer, J-V2Y 2x1P980/1000

Info

For direct connector assembly



Halogen-free



Low weight

Benefits

Transmission lengths up to 70 m
Suitable for direct connector assembly
Easy to handle
No crosstalk
EMC protection

Application range

For optical signal transmission in industrial applications
Very suitable for fixed installation in control cabinets, cable ducts, or pipes with low mechanical stress
Light mechanical stress
Identification by white dots

Product features

Halogen-free
Lightweight
High flexibility

Product Make-up

Polymer Optical Fibre (POF)
Twin cable
PE buffer tube
Without outer sheath
Colour: black

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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:	Twin cable 2x2.2mm
Core identification code:	Black/black with white dots
Fibre type:	POF - P980/1000
Standard designation:	J-V2Y
Optical fibre type:	Core material: PMMA Cladding material: fluoropolymers
Permissible bending radius:	$\geq 10 \times$ outer diameter
Permissible tensile force:	Fixed installation: 10 N Short-term: 30 N
Temperature range:	Operation: -55°C to +85°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.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

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.

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Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
28000002	HITRONIC® POF DUPLEX PE	980/1000 POF	2	2.2	7.6