

## 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

Last Update (30.04.2024)

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

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

PN 0456 / 02\_03.16

## HITRONIC® POF DUPLEX BUFFERED FIBRES

### 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:	≥ 10 x 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](http://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.

**HITRONIC® POF DUPLEX BUFFERED FIBRES**

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
28000002	HITRONIC® POF DUPLEX PE	980/1000 POF	2	4.4	7.6

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