HITRONIC® POF SIMPLEX BUFFERED FIBRE

Polymer optical fibre as simplex buffered fibre version with PE sheath

HITRONIC® POF SIMPLEX PE, POF-Simplex buffered fibre with PE buffer, J-V2Y 1P980/1000, fibre diameter 2.2mm, black colour

Info
Suitable for direct connector assembly

Low weight

Halogen-free

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

Product features
Lightweight
High flexibility
Halogen-free buffer tube

Product Make-up
Polymer Optical Fibre (POF)
PE buffer tube
Without outer sheath
Colour: black

Last Update (24.04.2018)
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Product Management www.lappkabel.de
You can find the current technical data in the corresponding data sheet.
PN 0456 / 02_03.16

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HITRONIC® POF SIMPLEX BUFFERED FIBRE

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: 2.2 mm
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: 5 N Short-term: 15 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.
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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HITRONIC® POF SIMPLEX BUFFERED FIBRE

Article number	Article designation	Fibre type	Number of fibres	Outer diameter [mm]	Weight (kg/km)
HITRONIC® POF SIMPLEX PE					
28000001	HITRONIC® POF SIMPLEX PE	980/1000 POF	1	2.2	3.8

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