


U.I. Lapp GmbH	PRODUCT INFORMATION	
	HITRONIC® POF DUPLEX PE-PUR	12.09.2012

Transmission lengths up to 70 m
EMC protection
No crosstalk
Easy to handle



Info

J-V2Y(ZN)11Y 2P 980/1000
Duplex plastic fibre optic cable with strain relief and PUR outer sheath

Application range

For optical signal transmission in industrial applications with high mechanical stress

Design

Fibre colour coding: black, orange
Plastic fibre-optic cables
PE buffer tube
Aramid yarns as strain relief
PUR outer sheath, orange (RAL 2003)

Product features

Flame-retardant and halogen-free
Resistant to abrasion, oil, microbes and hydrolysis
Adhesion-free

Remark

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

Mille-Tie™ is a registered trademark of Millepede™ International Ltd.

Photographs are not to scale and do not represent detailed images of the respective products.

Technical Data

Optical fibre type:	Core material: PMMA Cladding material: fluoropolymers
Temperature range:	Operation: -40 °C to +70 °C Installation: -10°C to +50°C
Permissible bending radius:	Static: ≥ 30 mm (PE-PUR), ≥ 50 mm (Heavy PE-PUR) Dynamic: ≥ 50 mm (PE-PUR), ≥ 80 mm (Heavy PE-PUR)
Permissible tensile force:	Fixed installation: 100 N (PE-PUR), 130 N (Heavy PE-PUR) Short-term: 400 N

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Part number	Article designation	Fibre type	Number of fibres	Outer diameter (mm)	Weight (kg/km)
28020002	HITRONIC® POF DUPLEX PE-PUR	980/1000 POF	2	5.5	28
28030002	HITRONIC® POF DUPLEX HEAVY PE-PUR	980/1000 POF	2	8	28