

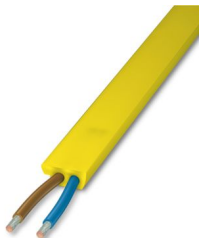
VS-ASI-FC-PUR-YE 100M - Flat cable



1404883

<https://www.phoenixcontact.com/us/products/1404883>

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AS-Interface PUR flat conductor in yellow, 2 x 1.5 mm², 100 m ring

Commercial data

Item number	1404883
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	BF1LFA
Catalog page	Page 438 (C-2-2019)
GTIN	4046356327619
Weight per piece (including packing)	6,228 g
Weight per piece (excluding packing)	6,228 g
Customs tariff number	85444995
Country of origin	DE

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Technical data

Product properties

Product type	Data cable by the meter
Sensor type	AS-Interface
Number of positions	2

Electrical properties

Rated voltage (III/3)	32 V
Rated surge voltage	2 kV

Interfaces

Signal type/category	AS-Interface
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Dimensions

Width	10 mm
Height	4 mm

Cable/line

Cable length	100 m
Cable weight	64 kg/km
Number of positions	2
Shielded	no
Conductor structure	2 x 1.5 mm ²
Conductor type	Flat cable
Conductor structure signal line	84x 0.15 mm
AWG signal line	16
Conductor cross section	1.5 mm ²
Wire diameter incl. insulation	2.5 mm
Outer sheath, material	PUR
External sheath, color	lemon yellow RAL 1012
Conductor material	Tin-plated Cu litz wires
Material wire insulation	PP
Single wire, color	brown, blue
Thickness, insulation	approx. 0.50 mm
Max. conductor resistance	≤ 13.7 Ω/km
Insulation resistance	≥ 1 MΩ*km
Nominal voltage, cable	32 V
Test voltage	2000 V
Smallest bending radius, fixed installation	≥ 6 mm (one-time)
Max. bending cycles	8000000 10000000
Halogen-free	yes
Special properties	Silicone-free

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Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-30 °C ... 85 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions	
Ambient temperature (operation)	-30 °C ... 85 °C (Flexibly installed)
	-40 °C ... 85 °C (fixed routing)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-30 °C ... 85 °C

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Classifications

ECLASS

ECLASS-11.0	27061801
ECLASS-12.0	27061801
ECLASS-13.0	27061801

ETIM

ETIM 9.0	EC003249
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UNSPSC

UNSPSC 21.0	26121600
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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