

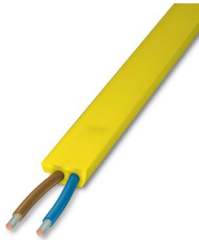
VS-ASI-FC-TPE-UL-YE 100M - Flat cable



1404922

<https://www.phoenixcontact.com/us/products/1404922>

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AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm², 100 m ring

Commercial data

Item number	1404922
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	4046356339230
Weight per piece (including packing)	6,671 g
Weight per piece (excluding packing)	6,415 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	TPE
External sheath, color	lemon yellow RAL 1012
Conductor material	Bare Cu litz wires
Material wire insulation	TPE
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	no
Flame resistance	UL 1581, Sec. 1061 (Cable Flame)

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	IEC 60332-1-2
Resistance to oil	UL 1581, Sec. 480 (60 °C)
Other resistance	UV resistant
Special properties	UL-Style 2103
	CSA-File LL55255-42
Ambient temperature (operation)	-40 °C ... 105 °C (cable, fixed installation)
	-30 °C ... 105 °C (Cable, flexible installation)

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-30 °C ... 105 °C (Flexibly installed)
	-40 °C ... 105 °C (fixed routing)
Ambient temperature (storage/transport)	-40 °C ... 105 °C
Ambient temperature (assembly)	-30 °C ... 105 °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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