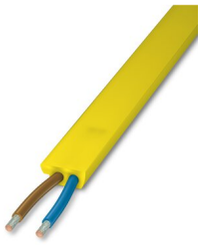
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Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M

1404883

https://www.phoenixcontact.com/gb/products/1404883

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AS-Interface PUR flat conductor in yellow, 2 x 1.5 mm^2, 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	BF1LFA
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
Number of positions	2

Electrical properties

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

Interfaces

Signal type/category	AS-Interface

Dimensions

Width	10 mm
Height	4 mm

Cable / line

Cable length	100 m
Cable weight	64 kg/km
Number of positions	2
Shielded	no
Cable type	Flat-ribbon conductor
Conductor structure signal line	84x 0.15 mm
AWG signal line	16
Conductor cross section	1.5 mm²
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. 0.5 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
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation)
	-30 °C ... 85 °C (Cable, flexible installation)

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Cable structure

Signal type/category	AS-Interface

Ambient conditions

Ambient temperature (operation)	-30 °C ... 85 °C (Flexibly installed)
	-40 °C ... 85 °C (fixed routing)

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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Approvals

EAC
Approval ID: RU D-DE.HB35.B.00385

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Classifications

ECLASS

ECLASS-9.0	27062002
ECLASS-10.0.1	27060106
ECLASS-11.0	27061801

ETIM

ETIM 8.0	EC003249

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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Accessories

Stripping tool

Stripping tool - WIREFOX ASI - 1212154

https://www.phoenixcontact.com/gb/products/1212154



Stripping pliers, for AS interface flat-ribbon cables, any desired stripping length

Seal

Seal - ASI SACB KABEL-ENDDICHTUNG - 1692336

https://www.phoenixcontact.com/gb/products/1692336



End sealing for AS-Interface flat-ribbon conductor, can be used on both sides, color:Black

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Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M

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Fastening clip

Fastening clip - VS-ASI-2FC-FIX - 1404757

https://www.phoenixcontact.com/gb/products/1404757



Fastening clip for two AS-Interface flat conductors, self-adhesive and with a 3 mm hole for additional fastening, plastic, gray

Panel feed-through

Panel feed-through - Q 1,5/4A50/24-M20KU-ESA-ASI BK - 1437274

https://www.phoenixcontact.com/gb/products/1437274



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat-ribbon conductors, on the rear side with four 0.5 m long individual wires 1.5 mm^2

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Flat-ribbon conductor - VS-ASI-FC-PUR-YE 100M

1404883

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Conductor connectors

Conductor connectors - Q 1,5/4IDC/24-24KU-KU-ASI-BK - 1585058

https://www.phoenixcontact.com/gb/products/1585058



Flat conductor connector with QUICKON fast connection technology, 4-pos., for connecting one or two AS-interface flat conductors

Panel feed-through

Panel feed-through - Q 1,5/4FL/24-M20KU-ESA-ASI BK - 1437261

https://www.phoenixcontact.com/gb/products/1437261



Panel feed-through with QUICKON fast connection technology, for accommodating one or two AS-i flat conductors, on the rear side with manual solder/slip-on connection 4.8 x 0.8 mm

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