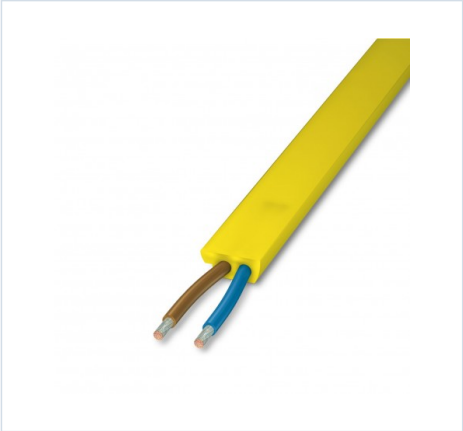
INDUSTRIAL COMPONENT DATA

VS-ASI-FC-TPE-UL-YE 100M 1404922 PHOENIX CONTACT Flat-ribbon conductor

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-ASI-FC-TPE-UL-YE 100M



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-ASI-FC-TPE-UL-YE 100M
Catalog number	1404922
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-DE1DE53439
Generated	2026-11-19

Product Overview

Flat-ribbon conductor
AS-Interface TPE Flat Cable with UL in Yellow, 2 x 1.5 mm², 100 m Coil
AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm2, 100 m ring

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable by the meter
Sensor type AS-Interface
Number of positions 2
Electrical propertiesRated voltage (III/3) 32 V
Rated surge voltage 2 kV
InterfacesSignal type/category AS-Interface
DimensionsWidth 10 mm
Height 4 mm
Cable/lineCable length 100 m
Cable weight 64 kg/km
Number of positions 2
Shielded no
Conductor structure 2 x 1.5 mm²

Conductor type Flat cable
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 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 ?/km
Insulation resistance >= 1 M?*km
Nominal voltage, cable 32 V
Test voltage 2000 V
Smallest bending radius, fixed installation >= 6 mm (one-time)
Dynamic load capacity (bending) Max. bending cycles: 8000000, Bending radius: 75 mm, Traversing direction: horizontal, above the broadside, Traversing rate: 4 m/s, Acceleration: 4 m/s²
Max. bending cycles: 10000000, Bending radius: 50 mm, Traversing direction: vertical, above the broadside
Halogen-free no
Flame resistance UL 1581, Sec. 1061 (Cable Flame)
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 instal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-ASI-FC-TPE-UL-YE 100M with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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