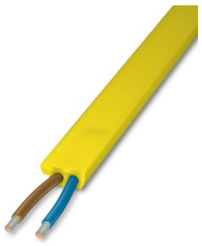
VS-ASI-FC-TPE-UL-YE 1000M - Flat cable

1434662

https://www.phoenixcontact.com/us/products/1434662

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



AS-Interface TPE flat conductor with UL in yellow, 2 x 1.5 mm^2, 1000 m on disposable drum

Commercial data

Item number	1434662
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LFA
GTIN	4046356349307
Weight per piece (including packing)	222.22 g
Weight per piece (excluding packing)	222.22 g
Customs tariff number	85444995
Country of origin	DE

Technical data

Product properties

Product type	Data cable by the meter
Number of positions	2
Shielded	no

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	1000 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 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)
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 installation)
	-30 °C ... 105 °C (Cable, flexible installation)

FO cable

Transmission medium	Copper

Mechanical properties

Duty cycle testing	suitable for drag chain

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

Testing

Duty cycle testing	suitable for drag chain

Classifications

UNSPSC

UNSPSC 21.0	26121707

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

Phoenix Contact 2026 © - all rights reserved
https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com