

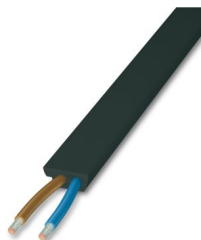
# VS-ASI-FC-EPDM-BK 1000M - Flat cable



1434659

<https://www.phoenixcontact.com/us/products/1434659>

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 EPDM flat conductor in black, for additional power supply, 2 x 1.5 mm<sup>2</sup>, 1000 m on a disposable drum

## Commercial data

Item number	1434659
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	BF11
Product key	AF1LF A
GTIN	4046356349314
Weight per piece (including packing)	60,000 g
Weight per piece (excluding packing)	60,000 g
Customs tariff number	85444995
Country of origin	DE

# VS-ASI-FC-EPDM-BK 1000M - Flat cable



1434659

<https://www.phoenixcontact.com/us/products/1434659>

## Technical data

### Product properties

Product type	Data cable by the meter
Sensor type	AS-Interface
Number of positions	2
Shielded	no

### Interfaces

Signal type/category	AS-Interface
----------------------	--------------

### Dimensions

Width	10 mm
Height	4 mm

### Cable/line

Cable length	1000 m
Cable weight	85 kg/km
Number of positions	2
Shielded	no
Conductor structure	2 x 1.5 mm <sup>2</sup>
Conductor type	Flat cable
Conductor structure, voltage supply	76x 0.16 mm
AWG power supply	16
Conductor cross section	1.5 mm <sup>2</sup>
Wire diameter incl. insulation	2.5 mm
Outer sheath, material	EPDM (rubber)
External sheath, color	black RAL 9005
Conductor material	Tin-plated Cu litz wires
Material wire insulation	EPDM (rubber)
Single wire, color	brown, blue
Thickness, insulation	approx. 0.50 mm
Nominal voltage, cable	48 V (U <sub>0</sub> )
Test voltage	1000 V AC
Other resistance	Ozone and UV resistant
Special properties	Silicone-free
Ambient temperature (operation)	-40 °C ... 85 °C (cable, fixed installation) -25 °C ... 85 °C (Cable, flexible installation)

### FO cable

Transmission medium	Copper
---------------------	--------

### Mechanical properties

Duty cycle testing	suitable for drag chain
--------------------	-------------------------

# VS-ASI-FC-EPDM-BK 1000M - Flat cable



1434659

<https://www.phoenixcontact.com/us/products/1434659>

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C (fixed routing)
	-25 °C ... 85 °C (Flexibly installed)
Ambient temperature (storage/transport)	-40 °C ... 85 °C

## Standards and regulations

### Testing

Duty cycle testing	suitable for drag chain
--------------------	-------------------------

# VS-ASI-FC-EPDM-BK 1000M - Flat cable



1434659

<https://www.phoenixcontact.com/us/products/1434659>

## Classifications

### UNSPSC

UNSPSC 21.0	26121707
-------------	----------

# VS-ASI-FC-EPDM-BK 1000M - Flat cable



1434659

<https://www.phoenixcontact.com/us/products/1434659>

## 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 2025 © - 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](mailto:info@phoenixcon.com)