

SERIES
72000

ASI-Interface data transmission cables



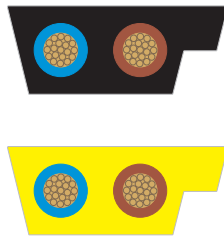
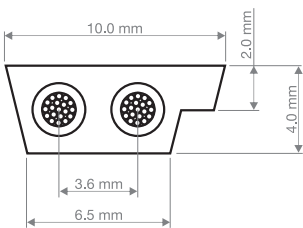
Fixed application



Use

The AS-Interface cable is used for data transmission and power supply in decentralized automation systems. AS-i is a simple and open interface that enables the connection of sensors, actuators, and distributed I/O modules through a single two-wire backbone, significantly reducing traditional wiring.

The yellow version identifies the main AS-i line, carrying both data and power along the bus, while the black version identifies the auxiliary power cable, used solely to deliver additional power to field devices. Thanks to its special construction and distinctive flat design, the cable allows easy device positioning and fast installation.



Technical data

Characteristics	Value/property
Conductor	Tinned copper DIN 40500
Insulation	EPDM
Conductors	Blue, Brown
Insulation diameter	2,5 mm (0.098 inch)
Jacket	EPDM. Yellow or black color.
Temperature range	+85°C -25°C (not fixed), -40°C (fixed)
Voltage rating	300 V
Voltage test	2000V @50Hz 1min
Insulation resistance	≥ 1 MOhm·km
Conductor resistance	max 13,7 Ohm/km @ 20°C
Bending radius	≥ 12 mm
Standards of construction	Cold bend test: IEC 60811-1-4 (-40°C) UV-Weather resistant Halogen-free Other: DIN 0207, DIN 40500, Low Voltage Directive (LVD) 2014/35/EU, RoHS

Coding and dimensions

Code	Size [mm ²]	Weight [kg/km (lb/mft)]	Jacket color
CVFD0001_72000_NE	1,5	66 (44)	Black
CVFD0002_72000_NE	2,5	82 (55)	Black
CVFD0001_72000_GI	1,5	66 (44)	Yellow
CVFD0002_72000_GI	2,5	82 (55)	Yellow