

SERIES
72110

ASI-Interface data transmission cables



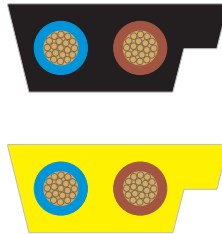
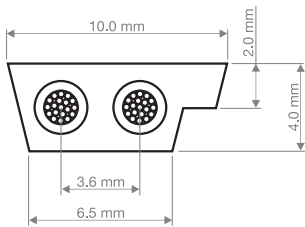
Fixed application



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, EN 60228 Class 6
Insulation	PVC
Conductors	Blue, Brown
Insulation diameter	2,5 mm (0.098 inch)
Jacket	PVC. Yellow or black color.
Temperature range	+90°C -30°C (installation), -40°C (fixed)
Voltage rating	300V
Voltage test	2000V @50Hz 1 min
Insulation resistance	≥ 1 MOhm·km
Conductor resistance	max 8,6 Ohm/km @ 20°C
Bending radius	≥ 12 mm
Standards of construction	UL/CSA: c(UL)us Type CMG, (UL) Type CL2, (UR) AWM Style 2095, UL 758, UL 1581, UL 13, UL 444 Oil res.: UL 758 sec.15 Cold bend test: IEC 60811-504 (-40°C) Flame res.: UL 1685 FT4, IEC 60332-1-2 UV res.: UL 1581 sec. 1200 Other: Low Voltage Directive (LVD) 2014/35/EU, RoHS

Coding and dimensions

Code	Size [mm²]	Size [AWG]	Weight [kg/km (lb/mft)]	Jacket color
CVFD0001_72110_NE	2,5	14	79 (53)	Black
CVFD0001_72110_GI	2,5	14	79 (53)	Yellow