

ASI Bus Cable



Technical data

- **Peak working voltage (not for power applications)** 32 V
- **Conductor resistance**
max. 13.7 Ohm/km
- **Minimum bending radius**
Fixed installation: 3 x cable diameter
Flexing: 6 x cable diameter
- **Test voltage (core/core)** 1500 V
- **Temperature range**
TPE: -40 °C to 105 °C;
PUR: -40°C to 85 °C;
PVC: -30°C to 105 °C

Cable structure

- **Conductor:** finely stranded bare or Tinned copper, 1.5 mm²
- **Core insulation:** blue and brown
- **Sheath:** PVC, TPE or PUR
- **Sheath color:** yellow or black

Standard:

- ASI is standardized Europe-wide in EN 50295 and internationally in IEC 62026-2.

Application

ASI bus cable is used to connect Actuator-Sensor-Interface components, and it allows transmitting data and power at the same time. The TPE version and PUR version are with oil-resistant and abrasion-resistant feature.

AWG-no.	NO. Cores x Cross-sec. mm ²	Sheath Material	Sheath Color	Copper Weight kg/km	Cable Weight kg/km
16	2 x 1.50	TPE	yellow	29	57
16	2 x 1.50	TPE	black	29	57
16	2 x 1.50	PUR	yellow	29	57
16	2 x 1.50	PUR	black	29	57
16	2 x 1.50	PVC	yellow	29	57
16	2 x 1.50	PVC	black	29	57