

AS-Interface-BUS - TPE

Industrial communication at the actuator/sensor level

Construction

- Conductor: stranded Cu conductor, tinned, extra fine wire
- Strand structure to VDE 0295 class 6 / IEC 60228 class 6
- Core insulation: TPE
- Core colours: brown, blue
- Outer sheath: TPE, oil resistant
- Sheath colour: yellow / black

Technical Datas

- Peak operating voltage: max. 250 V
- Test voltage: core/core 1500 V
- Conductor resistance: max. 13.7 V Ohm/km
- Insulation resistance: ≥ 1 MOhm x km
- Bending radius: ≥ 24 mm
- Temperature range: stationary -40°C to +100°C

Properties

- Flame retardant to IEC 60332-1

Outer dimensions

- Thickness 4.0 +/- 0.2 mm
- Profile edge thickness 2.0 +/- 0.1 mm
- Width 1 6.5 +/- 0.2 mm
- Width 2 10.0 +/- 0.2 mm
- Grid size wire/wire 3.6 +/- 0.2 mm

Available special types

- UL- and CSA-listed type

Ø mm²	Cu-Weight kg/km	Outer-Ø mm	Total-Weight kg/km	Article number
2 x 1.5 black	28.8	s. a.	60.0	4430215051
2 x 1.5 yellow	28.8	s. a.	60.0	4430215054

- Further formats available on request
- All data and products subject to change