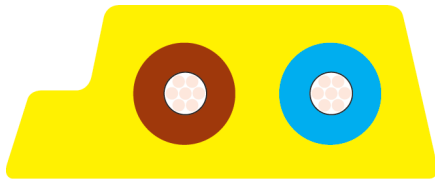


BUS Cables

A-BUS PUR 2X2.5 PUR, Long Distance, UL/CSA



PUR



Type Cable structure

Inner conductor:
Core insulation:
Core colours:
Separator:
Shielding 1:
Total shielding:
Outer sheath material:
Outer sheath colour:

Drag Chain applications 2x2.5 mm²

Copper, tinned
PO
bu, bn
-
-
-
PUR
Yellow similar to RAL 1023

Drag Chain applications 2x2.5 mm²

Copper, tinned
PO
bu, bn
-
-
-
PUR
Black similar to RAL 9005

Electrical data

Conductor resistance, max.:
Loop resistance:
Nominal voltage:

8,21 Ohm/km
16 Ohm/km max.
32 V

8,21 Ohm/km
16 Ohm/km max.
48 V

Technical data

Weight:
bending radius, repeated:
Operating temperature range min.:
Operating temperature range max.:
Caloric load, approx. value:
Copper weight:

app. 140 kg/km
30 mm
-40°C
+80°C
0,90 MJ/m
49,00 kg/km

app. 140 kg/km
30 mm
-40°C
+80°C
0,90 MJ/m
49,00 kg/km

Norms

Applicable standards:

ASI standard
Halogen-free acc. to 60754-2
Flame-retardant CSA FT2
AWM Style 20549
CSA FT2

ASI standard
Halogen-free acc. to 60754-2
Flame-retardant CSA FT2
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CSA FT2

Application

AS components are interconnected with this special system cable. With the AS interface, the cable assembly from the control system to the sensor/actuator is not needed. The AS interface is the field bus system that transmits both data and power in one single cable. With fast contacting in penetration technique, the possibility of errors in cabling is largely reduced. The special outer jacket provides protection against oil, grease, and refrigerant lubricants, and the cable is therefore even suitable for applications in wet surroundings, in machinery and plant construction, as well as in the machine tool and automotive industry. The PUR variant is suitable for heavy-duty industrial environments.

Because of the cross section 2,5qmm it is possible to realize longer distances.

These types are certified for the American market (UL 1581, FT2) through the use of special materials.

Part no.

804410, A-BUS PUR

804411, A-BUS PUR

Dimensions and specifications may be changed without prior notice.