

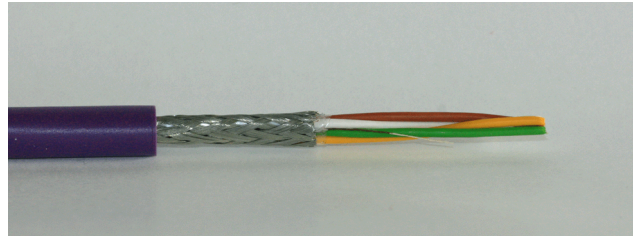
DESCABUS CAN

0,25 mm² - 0,75 mm²

Cables CAN Bus

Application

In static application for the cabling of industrial field bus systems such as CAN Bus.



Construction

Flexible bare copper conductors, 7 strands
Insulation Polyethylene base
Colored cores according to DIN 47100
Cores twisted into pairs, pairs laid up in lays, foil tape over it
Shielded by a tinned copper braid screen, optical coverage 85 %
Sheath PVC violet, RAL 4001

Technical Properties

Rated voltage U ₀ /U	300 V
Test voltage	1500 V
Characteristic impedance	120 Ω
Loop impedance	max. 186 Ω/km
Operating capacitance	max. 60 nF/km
Temperature range	- 5°C ... + 70°C
- static installation	- 30°C ... + 70°C
Minimum bending radius	12 x cable diameter
- static	6 x cable diameter

Special Characteristics

The cables are flame retardant according to IEC 60332-1, UL VW-1 and CSA FT-1.

Standards/ Approvals

UL 2464 CSA or UL 2919 CSA or UL 2502 CSA

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km	
218685	DESCABUS C-120 CAN 1x2x0,22 mm ² UL 2464 80°C 300 V	vt	5.50	19.00	36.00
218686	DESCABUS C-120 CAN 2x2x0,22 mm ² UL 2464 80°C 300 V	vt	6.30	23.00	43.00
218687	DESCABUS C-120 CAN 1x2x0,34 mm ² UL 2464 80°C 300 V	vt	6.50	22.00	52.00
218688	DESCABUS C-120 CAN 2x2x0,34 mm ² UL 2502 80°C 300 V	vt	7.00	32.00	68.00
218689	DESCABUS C-120 CAN 1x2x0,50 mm ² UL 2464 80°C 300 V	vt	6.80	27.00	71.00
218690	DESCABUS C-120 CAN 2x2x0,50 mm ² UL 2464 80°C 300 V	vt	8.30	41.00	93.00
218705	DESCABUS C-120 CAN 1x4x0,50 mm ² UL 2502 80°C 300 V	vt	7.30	40.00	88.00
218691	DESCABUS C-120 CAN 1x2x0,75 mm ² UL 2464 80°C 300 V	vt	8.40	34.00	102.00
218692	DESCABUS C-120 CAN 2x2x0,75 mm ² UL 2464 80°C 300 V	vt	9.60	56.00	118.00

vt = violet

218705 = cores in star quad twisting

Packaging

cut to desired length