

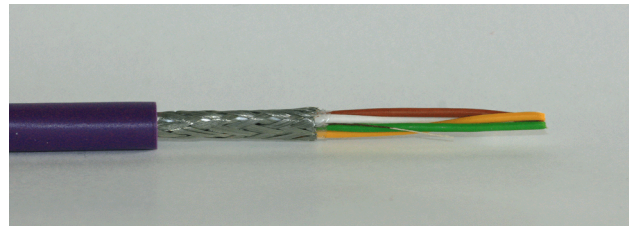
DESCABUS motion CAN

0,25 mm² - 0,50 mm²

Drag chain cables CAN Bus

Application

In dynamic application in drag chains for the cabling of industrial field bus systems such as CAN Bus.



Construction

Extra flexible bare copper conductors
Insulation Polyethylene base
Coloured cores according to DIN 47100
Cores twisted into pairs, pairs laid up in lays
Non-woven tape
Shielded by a tinned copper braid screen, optical coverage 85 %
Sheath PUR, adhesion-free, 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 ... + 80°C
- static installation	- 30°C ... + 80°C
Minimum bending radius	12 x cable diameter
- static	6 x cable diameter

Special Characteristics

The cables are halogen-free according to IEC 60754-1 and flame retardant according to IEC 60332-1, UL VW-1 and CSA FT-1.

Standards / Approvals

UL AWM 20236 CSA or UL AWM 20233 CSA

Part Number	Type	n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
218693	DESCABUS motion C-120 CAN	1x2x0,25 mm ²	5.80	21.00	39.00
218694	DESCABUS motion C-120 CAN	2x2x0,25 mm ²	6.70	26.00	45.00
218695	DESCABUS motion C-120 CAN	1x2x0,34 mm ²	6.60	24.00	54.00
218696	DESCABUS motion C-120 CAN	2x2x0,34 mm ²	7.70	34.00	70.00
218697	DESCABUS motion C-120 CAN	1x2x0,50 mm ²	7.10	29.00	73.00
218698	DESCABUS motion C-120 CAN	2x2x0,50 mm ²	8.40	43.00	95.00

vt = violet

Packaging

cut to desired length