

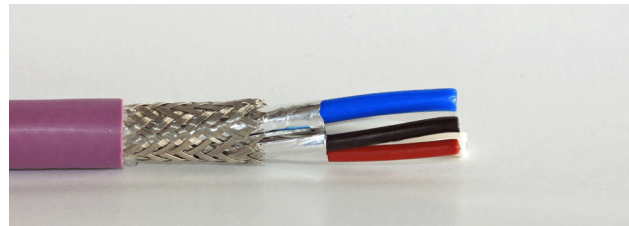
DESCABUS motion DeviceNet

AWG 24/22 / AWG 15/18

Drag chain cables DeviceNet

Application

In dynamic application in drag chains for the cabling of sensors, PLC controllers, switches, drives, etc..



Construction

Extra flexible tinned copper conductors
Insulation special Polyolefin
Cores red and black (AWG 15 respectively AWG 22)
Cores blue and white (AWG 18 respectively AWG 24)
Cores twisted into pairs
Pairs individually shielded by Aluminium/Polyester laminated foil
Tinned drain wire, over it tinned copper braid screen, optical coverage 85 %
Sheath PUR, halogen-free, flame retardant, violet RAL 4001

Special Characteristics

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

Technical Properties

Rated voltage U ₀ /U	250 V
Test voltage	1500 V
Characteristic impedance	120 Ω +/- 12 Ω
Loop impedance	max. 45 Ω/km (Thick) max. 180 Ω/km (Thin)
Operating capacitance	max. 40 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

Standards / Approvals

UL 20236 CSA oder UL 20233 CSA

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
219054	DESCABUS motion A/C11Y-120 Device Thick 1x2xAWG 15+1x2xAWG 18	11.60	103.00	200.00
219055	DESCABUS motion A/C11Y-120 Device Thin 1x2xAWG 22+1x2xAWG 24	7.00	32.00	75.00

vt = violet

Packaging

cut to desired length