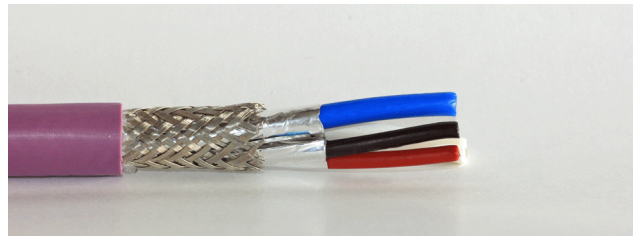


Cables DeviceNet

Application

In static application for the cabling of sensors, PLC controllers, switches, drives, etc..



Construction

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 PVC violet, RAL 4001
 Sheath PUR, halogen-free, flame retardant, violet RAL 4001

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

Special Characteristics

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

Standards / Approvals

UL 2502 CSA or UL 20236 CSA

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
- Execution PVC				
219044	DESCABUS A/C-120 Device Thick 1x2xAWG 15+1x2xAWG 18	11.80	93.20	205.00
219039	DESCABUS A/C-120 Device Thin 1x2xAWG 22+1x2xAWG 24	6.80	28.60	72.00
- Execution PUR				
219040	DESCABUS A/C11Y-120 Device Thick 1x2xAWG 15+1x2xAWG 18	11.80	93.20	205.00
219041	DESCABUS A/C11Y-120 Device Thin 1x2xAWG 22+1x2xAWG 24	6.80	28.60	72.00

vt = violet

Packaging

cut to desired length