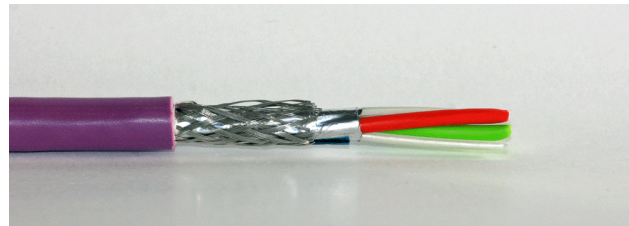


Cables Profibus

Application

In static application for the cabling of industrial field bus systems such as Profibus DP, Profibus FMS, Profibus FIP, SINEC L2.



Construction

Flexible bare copper conductors, solid or 7 strands
 Insulation special Polyolefin (Foam - Skin - PE)
 Cores red and green
 (Combination red, green, blue, black, green-yellow)
 Cores twisted pair, laid up with two blind fillers
 Shielded by Aluminium/Polyester laminated foil tape, over it
 tinned copper braid screen, optical coverage 85 %
 Sheath PVC violet, RAL 4001
 Sheath halogen free and flame retardant polymer violet, RAL 4001
 Sheath halogen-free and flame retardant PUR, violet RAL 4001
 Sheath Polyethylene black, RAL 9005

Technical Properties

Rated voltage	250 V
Test voltage	1500 V
Characteristic impedance	150 Ω +/- 15 Ω
Loop resistance	max. 110 Ω/km
Operating capacitance	max. 30 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 approved types according to VW-1 CSA FT-1. Designated types are halogen-free according to IEC 60754-1.

Standards / Approvals

UL 2502 CSA or UL 20236 CSA or UL 20549 CSA
 (for each designated cable types)

Part Number	Type n x mm ²		Overall-Ø ca. mm	Copper kg/km	Weight kg/km
- Execution PVC					
218731	DESCABUS A/C-150 Profi 1x2x0,64 mm	vt	7.90	25.00	56.00
218732	DESCABUS A/C-150 Profi 1x2x0,64 mm Fast Connect	vt	7.90	25.00	56.00
218803	DESCABUS A/C-150 Profi 1x2x0,64 mm UL-2502 80°C 30 V	vt	7.90	25.00	56.00
218733	DESCABUS A/C-150 Profi 1x2x0,64 / AWG 22/7	vt	7.90	27.00	59.00
218739	DESCABUS A/C-150 Profi 1x2x0,64 / AWG 22/7 + 3x1,00 mm ²	vt	10.00	60.00	93.00
- Execution halogen-free					
218779	DESCABUS ECO A/C-150 Profi 1x2x0,64 mm	vt	7.90	25.00	56.00
218780	DESCABUS ECO A/C-150 Profi 1x2x0,64 mm Fast Connect	vt	7.90	25.00	56.00
218781	DESCABUS ECO A/C-150 Profi 1x2x0,64 / AWG 22/7	vt	7.90	27.00	59.00
218787	DESCABUS ECO A/C-150 Profi 1x2x0,64 / AWG 22/7 + 3x1,00 mm ²	vt	10.00	60.00	93.00
- Execution PUR					
218759	DESCABUS A/C11Y-150 Profi 1x2x0,64 mm	vt	7.90	25.00	56.00
218760	DESCABUS A/C11Y-150 Profi 1x2x0,64 mm Fast Connect	vt	7.90	25.00	56.00
218761	DESCABUS A/C11Y 1x2x0,64 / AWG 22/7	vt	7.90	27.00	59.00
- Execution PE					
218743	DESCABUS A/C2Y-150 Profi 1x2x0,64 mm (laying underground)	bk	11.00	25.00	105.00
218791	DESCABUS A/C2Y-150 Profi 1x2x0,64 mm (use in the food industry)	bk	8.00	25.00	56.00

vt = violet bk = black

Packaging

cut to desired length