

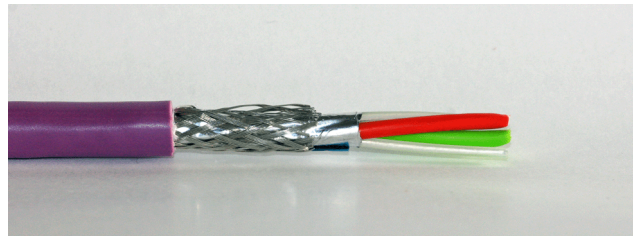
DESCABUS motion Profi

0,64 mm / AWG 24

Drag chain cables Profibus

Application

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



Construction

Flexible bare copper conductors, 19 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 PUR, adhesion-free, violet RAL 4001

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.

Technical Properties

Rated voltage U ₀ /U	250 V
Test voltage	1500 V
Characteristic impedance	150 Ω +/- 15 Ω
Loop impedance	max. 155 Ω/km
Operating capacitance	max. 30 nF/km
Temperature range	- 20°C ... + 80°C
- static installation	- 30°C ... + 80°C
Minimum bending radius	12 x cable diameter
- static	6 x cable diameter

Standards / Approvals

UL 20236 80°C 30 V CSA

Part Number	Type	n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km	
218867	DESCABUS motion A/C11Y-150 Profi	1x2x0,64 / AWG 24/19	vt	7.90	28.00	54.00
218869	DESCABUS motion A/C11Y-150 Profi	1x2x0,64 / AWG 24/19 Fast Connect	vt	7.90	28.00	54.00
218871	DESCABUS motion A/C11Y-150 Profi	1x2x0,64 / AWG 24/19 + 3x1,00 mm ²	vt	10.00	62.00	91.00

vt = violet

Packaging

cut to desired length