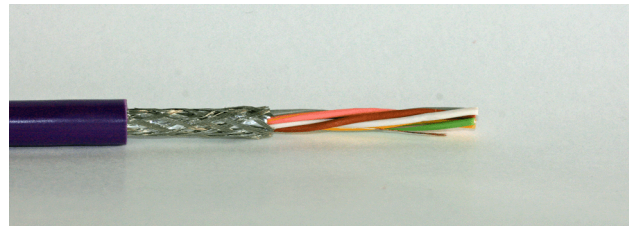


Cables Interbus

Application

In static application for the cabling of industrial field bus systems such as Interbus S system (IBS).



Construction

Flexible bare copper conductors, 7 strands (1,00 mm² flexible)
 Insulation Polyethylene base
 Coloured cores according to DIN 47100
 (1,00 mm²: red, blue, green-yellow)
 Cores twisted into pairs, pairs laid up in lays, foil tape over it
 Shielded by a tinned copper braid screen, optical coverage 85 %
 Sheath PVC violet, RAL 4001

Special Characteristics

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

Technical Properties

Rated voltage U ₀ /U	300 V
Test voltage	1500 V
Characteristic impedance	100 Ω
Loop impedance	max. 186 Ω/km
Operating capacitance	max. 60 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 2464 CSA or UL 2571 CSA

Part Number	Type	n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
218614	DESCABUS C-100 IBS	3x2x0,22 mm ²	7.10	36.00	56.00
218615	DESCABUS C-100 IBS	3x2x0,22 mm ² + 3x1,00 mm ²	8.00	61.00	94.00

vt = violet

Packaging

cut to desired length