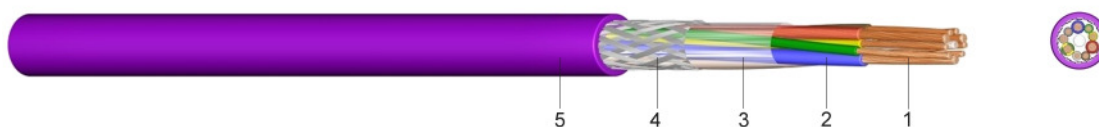


Datasheet INTERBUS

Version 1/2009

Application:

The circuit can connect different components within automation devices. The twisted cores are also the basic element. Because all bus components are connected about that, costly parallel wiring can be avoided.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of polyethylene (PE)
- 3 layer of plastic foil
- 4 braid of tinned copper wires
- 5 outer sheath of polyvinylchloride (PVC), magenta

Information:

More types and constructions on enquiry.

According to:

DIN 47100 or factory standard (core identification)

Technical data:

Temperature range	in motion		-5 °C till +60 °C
	not moved		-0 °C till +50 °C
Conductor resistance	max.	[Ohm/km]	83,0
Attenuation	1-100 MHz	[Ohm]+-15%	100
Mutal capacitance	nom.	[nF] max	50
Attenuation	1,0 MHz	[dB/100m]	2,7
	4,0 MHz	[dB/100m]	5,2
	10,0 MHz	[dB/100m]	8,4
	16,0 MHz	[dB/100m]	11,2

Number of pairs and nominal cross section mm ²	Copper figure kg/km	Overall diameter appr.mm	Weight appr. kg / km
3 x 2 x 0,22	39	7,4	70
3 x 2 x 0,25	40	7,9	75

For other types and standards please send us an inquiry.