

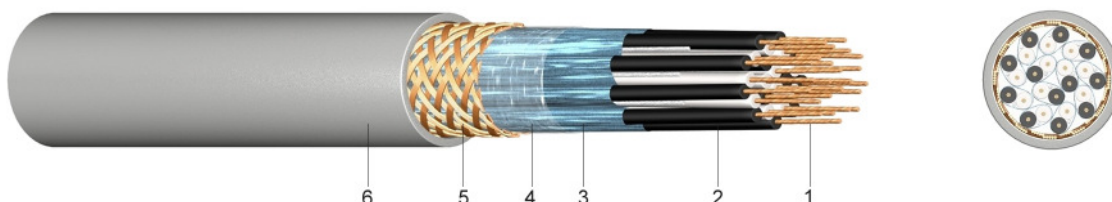
Datasheet RS-2YCY PiMF

Version 1/2009

Pair Wise Screened Data Transmission Cable with Overall Bare Copper Braiding

Application:

These transmission cables are to be installed in dry and humid rooms. They are used in data processing and process controlling for high-speed transmission.



Construction:

- 1 fine-stranded bare copper
- 2 core insulation of polyvinylchloride (PVC)
- 3 each pair is screened with a static screen of plastic coated aluminium foil
- 4 static screen of plastic foil
- 5 braid of bare copper wires
- 6 outer sheath of polyvinylchloride (PVC), grey

Information:

Core identification: black / white (with figure on the white core, 1-1, 2-2,...)

For underground laying type please send us an enquiry.

Technical data:

Temperature range	in motion		-5 °C till +70 °C
Insulation resistance	R iso	[MΩm/km]	5000
Conductor loop-resistance		[Ωm/km]	39,0
Attenuation	100 MHz	[dB / 100m]	4,5
Impedance	1 KHz	[Ωm]	465,0
	10 KHz	[Ωm]	155,0
	100 KHz	[Ωm]	115,0
Cross-talk attenuation	at 60 Hz	[dB/500m]	78,0

Number of pairs and nominal cross section mm²

	Copper figure kg/km	Overall diameter appr.mm	Weight appr. kg / km
2 x 2 x 0,5	77	8,0	100
3 x 2 x 0,5	92	8,8	120
4 x 2 x 0,5	112	9,7	145
6 x 2 x 0,5	154	11,9	210
8 x 2 x 0,5	188	13,2	270
12 x 2 x 0,5	294	15,4	375
16 x 2 x 0,5	352	18,2	420