

## LI2Y(St)Y-PiMF (RS 232 - 422)



### Areas of Use

Used for transmission of the data signal in computer, information and communication systems as well as process control for computer systems and terminals.

### Cable Construction

<b>Conductor</b>	0.22 mm <sup>2</sup> Stranded Tinned Copper (7x0.20 mm AWG 24), 0.34 mm <sup>2</sup> Stranded Tinned Copper (7x0.25 mm AWG 22)
<b>Insulation</b>	PE (EN 50290-2-23, VDE 0207-2Y11)
<b>Core Colors</b>	Pair 1: Black / Red Pair 2: Black / White Pair 3: Black / Green Pair 4: Black / Blue
<b>Separator</b>	PET Foil
<b>Individual Screen</b>	Al-PET Foil (with Stranded Tinned Copper Drain Wire)
<b>Lay-up</b>	All shielded pairs are stranded in layers
<b>Separator</b>	PET Foil
<b>Overall Screen</b>	Al-PET Foil (with Stranded Tinned Copper Drain Wire)
<b>Outer Sheath</b>	PVC (EN 50290-2-22 TM 51), RAL 7001 - Grey

### Technical Properties

<b>Operating Voltage</b>	300 V
<b>Test Voltage</b>	1200 V
<b>Velocity of Propagation</b>	0,66
<b>Insulation Resistance</b>	>5000 M.Ωxkm
<b>Capacitance (@800Hz)</b>	Core - Core: ≤52 nF/km, Core - Cores - Screen: ≤90 nF/km
<b>Characteristic Impedance</b>	100±10 Ω
<b>Loop Resistance</b>	AWG 24: ≤182 Ω/km; AWG 22: ≤115 Ω/km
<b>Temperature Range</b>	-30 °C.....+70 °C
<b>Flame Retardancy</b>	IEC/EN 60332-1
<b>Min. Bending Radius (Fixed)</b>	10 x Cable Diameter

### Cross Section

Configuration / Cross-Section (mm/mm <sup>2</sup> )	Cable Diameter (mm) (± 5%)	Copper Weight (kg / km)	~ Cable Weight (kg / km)
2x2x0.22	8.2	15	30
3x2x0.22	8.8	21	42
4x2x0.22	9.6	27	54
2x2x0.34	9.0	19	36
3x2x0.34	9.5	28	51
4x2x0.34	10.5	37	66

**22.06.2026 18:39**

**Legal Warning:** The information in this catalog is for marketing purposes. 2M Kablo can change this catalog during product development and any requirements. 2M Kablo can always change designs, technical specifications, images and other informations in this catalog without any notice. This catalog is only a guide and is valid at the time of download, not valid for an offer or contract.

If you need more information about the products in this catalog, please contact us via [info@2mkablo.com](mailto:info@2mkablo.com) or call +90 (212) 222 8250.