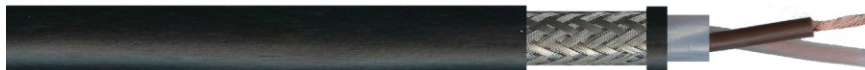


## Li2Y2YCY 2x1,5 mm<sup>2</sup>

(equivalent: SIEMENS L-2Y2YCY product number V45551-F21-B5)

### DATA TRANSMISSION CABLE



### APPLICATIONS

Li2Y2YCY 2x1,5 mm<sup>2</sup> cable is intended for industrial computer systems.

Low capacitance between conductors is a distinctive feature of the cable.

For proper transmission of digital and analogue signals the cable is protected by a specially designed and highly effective collective shield against external electromagnetic interferences.

The cable is suitable for indoor and outdoor installations connecting fixed and movable equipment.

Cable outer sheath is oil-resistant.

### CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires, cross-section 1.5 mm<sup>2</sup>,
- polyethylene (PE) insulation - identification colour code: natural, brown,
- two insulated conductors twisted into a pair which is a cable core,
- cable core wrapped in polyester tape,
- inner PE sheath,
- tinned copper wire braid shield of coverage bigger than 80%,
- cold resistant PVC cable sheath, coloured according to customer's requirement.

### CHARACTERISTICS

Operating voltage	150 V	Operating temperature range:	from - 40 to + 70°C
Voltage test	1000 V rms	Minimum bending radius	10 x cable diameter
Insulation resistance, minimum	10 GΩ·km	Cable combustibility	flame retardant
DC loop resistance at 20°C, maximum	26.6 Ω/km	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
Mutual capacitance at 1 kHz	≤ 52 nF/km		
Inductance, approximate	750 μH/km		

CE = the cable meets requirements of the low voltage directive 2014/35/EU

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm <sup>2</sup>	mm	kg/km	kg/km
0048 001	2x1,5	12.5	90.9	194

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.