

Li2Y(St)Y 1x2x16 AWG
(equivalent: BELDEN 8719)**INSTRUMENTATION CABLE****APPLICATIONS**

Li2Y(St)Y 1x2x16 AWG is a cable intended for control and instrumentation circuits, for signal, monitoring and data processing systems and for analogue or digital data transmission, all for industrial electronic applications.

An electrostatic shield protects the cable against interference by external electric fields.

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

Cable outer sheath is oil-resistant.

CONSTRUCTION

- flexible, multiwire conductors, stranded of tin-plated copper wires 16 AWG (19x0.287 mm),
- polyethylene (PE) insulation - identification colour code: black, natural,
- two insulated conductors twisted into a pair which is a cable core,
- shields incorporating aluminium-polyester tape and stranded annealed tinned copper drain wire, cross-section 18 AWG (19x0.254 mm),
- PVC cable sheath, grey RAL 7037, other colours also available.

CHARACTERISTICS

Operating voltage	150 V	Operating temperature range:	from -20 to +80 °C
Voltage test	1500 V rms	Minimum bending radius	10 x cable diameter
Mutual capacitance at 1 kHz, approximate	75 nF/km	Cable combustibility	flame retardant
Inductance, approximate	0.6 mH/km	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
DC loop resistance at 20°C, maximum	29.6 Ω/km	Reference standards	DT
Insulation resistance, minimum	5 GΩ·km		

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

Product No.	Number of pairs (x 2) x dimension of conductor	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	AWG	mm	kg/km	kg/km
0045 009	1 x 2 x 16	8.0	34.6	78

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