

Li9Y(ST)Y



Application range

- Suitable connection for audio, control and instrumentation measurements in environments immune to noise
- For use in dry and damp environment

Product features

- Flame retardant in acc. to IEC 60332-1-2

Product Make-up

- Stranded tinned annealed copper wires
- PP core insulation
- Overall screen of Al/My tape + stranded tinned copper drain wires
- PVC outer sheath, pebble grey

Info

- Shielding
- 100 Ohm

Technical data

Classification
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830

Core identification code
Pair #1: wh/bu Pair #2: wh/og
Pair #3: wh/gn Pair #4: wh/bn
Pair #5: wh/gy Pair #6: rd/bu
Pair #7: rd/og Pair #8: rd/gn
Pair #9: rd/bn Pair #10: rd/gy
Pair #11: bk/bu Pair #12: bk/og
Pair #13: bk/gn Pair #14: bk/bn
Pair #15: bk/gy Pair #16: ye/bu
Pair #17: ye/og Pair #18: ye/gn
Pair #19: ye/bn Pair #20: ye/gy
Pair #21: vt/bu Pair #22: vt/og
Pair #23: vt/gn Pair #24: vt/bn
Pair #25: vt/gy

Mutual capacitance
nom. 130 pF/m, at i kHz
Characteristics impedance
100 Ohm

Temperature range
-10°C to +80°C

Article number	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
Li9Y(ST)Y				
3802781	1 x 2 x 24 AWG/7	4.2	6.3	21
3802782	2 x 2 x 24 AWG/7	5.4	10.6	33
3802783	3 x 2 x 24 AWG/7	6.0	14.8	40
3802784	4 x 2 x 24 AWG/7	6.6	19.0	47
3802785	6 x 2 x 24 AWG/7	7.6	27.5	62
3802786	8 x 2 x 24 AWG/7	8.5	35.9	79
3802787	10 x 2 x 24 AWG/7	9.2	44.4	94
3802788	12 x 2 x 24 AWG/7	9.9	52.8	108
3802789	16 x 2 x 24 AWG/7	11.1	69.8	139
3802790	25 x 2 x 24 AWG/7	13.4	107.8	199

• Photographs are not to scale and do not represent detailed images of the respective products. • If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.

J-2Y(ST)H-TP



Application range

- Data cable for digital communication in a LONWORKS® networks and building automation systems
- Also suitable for use in distributed control network in factory and process automation systems
- For indoor installation
- LONWORKS® is a trademark of ECHELON

Product features

- Offers optimum protection against external interferences
- Low smoke halogen free in acc. to IEC 61034 and IEC 60754-2
- Flame retardant in acc. to IEC 60332-1-2

Product Make-up

- Solid bare annealed copper wires
- PE core insulation
- Cores twisted together
- Aluminium laminated polyester foil screen + solid tinned annealed copper drain wire
- LSHF outer sheath, white

Info

- LONWORKS®
- 100 Ohm

Technical data

Classification
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830

Core identification code
Pair 1 : bu + wh/bu
Pair 2 : og + wh/og

Mutual capacitance
max. 17 pF/ft (core-core)

Peak operating voltage
300 V (not for power applications)

Minimum bending radius
5 x cable diameter (static)

Characteristics impedance
100 ± 15 Ohm (1MHz)

Temperature range
-20°C to +75°C

Article number	Number of pairs and AWG per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
J-2Y(ST)H-TP				
3802596	1 x 2 x 22 AWG/1	4.6	8.5	25
3802597	2 x 2 x 22 AWG/1	6.5	15.0	39

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