

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.

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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