

Info

- Shielding
- 100 Ohm

Technical data

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 1 kHz

Test voltage
 1000 V

Temperature range
 -10°C to +80°C

Characteristic impedance
 100 Ohm



Li9Y(ST)Y

- Application range**
 - Suitable 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
- Approvals (Norm references)**

RoHS ✓
- Product Make-up**
 - Stranded tinned annealed copper wires
 - PP core insulation
 - Overall screen of Al/My tape + stranded tinned copper drain wire
 - PVC outer sheath, pebble grey

Article number	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3802781	1 x 2 x 24AWG/7	4.2	6.3	21.1
3802782	2 x 2 x 24AWG/7	5.4	10.6	33.3
3802783	3 x 2 x 24AWG/7	6.0	14.8	39.5
3802784	4 x 2 x 24AWG/7	6.6	19.0	47
3802785	6 x 2 x 24AWG/7	7.6	27.5	62.3
3802786	8 x 2 x 24AWG/7	8.5	35.9	78.6
3802787	10 x 2 x 24AWG/7	9.2	44.4	93.8
3802788	12 x 2 x 24AWG/7	9.9	52.8	107.7
3802789	16 x 2 x 24AWG/7	11.1	69.8	138.8
3802790	25 x 2 x 24AWG/7	13.4	107.8	198.6

Photographs are not to scale and do not represent detailed images of the respective products.

Info

- LONWORKS®
- 100 Ohm

- 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



J-2Y(ST)H-TP

- Approvals (Norm references)**

RoHS ✓
- 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
- Technical data**

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)

Specific insulation resistance
 > 5 GOhm x km

Minimum bending radius
 5 x cable diameter (static)

Temperature range
 -20°C to +75°C (static)

Characteristic impedance
 100 ± 15 Ohm

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

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