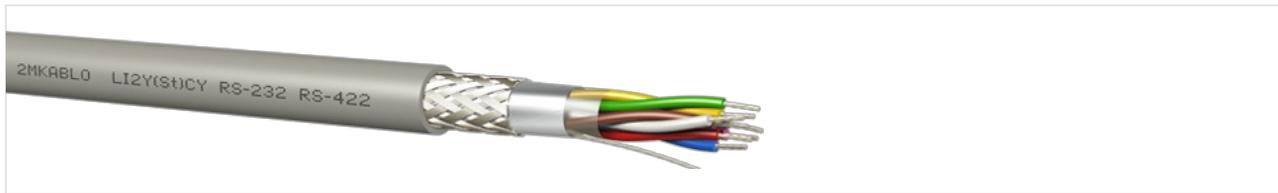


LI2Y(St)CY (RS 232 - 422)



Areas of Use

Used for transmission of the data signal in computer, information and communication systems as well as process control for computer systems and terminals.

Cable Construction

| | |
|---------------------|--|
| Conductor | 0.22 mm ² Stranded Tinned Copper (7x0.20 mm AWG 24), 0.34 mm ² Stranded Tinned Copper (7x0.25 mm AWG 22) |
| Insulation | PE (EN 50290-2-23, VDE 0207-2Y11) |
| Core Colors | DIN 47100 (4 cores colors, white, yellow, brown, green) |
| Lay-up | Cores are twisted as pairs and pairs are stranded in layers |
| Separator | PET Foil |
| 1. Screen | Al-PET Foil (with stranded tinned copper drain wire) |
| 2. Screen | Tinned Copper Wire Braid |
| Outer Sheath | PVC (EN 50290-2-22 TM 51), RAL 7001 - Grey |

Technical Properties

| | |
|------------------------------------|--|
| Operating Voltage | 300 V |
| Test Voltage | 1200 V |
| Velocity of Propagation | 0,66 |
| Insulation Resistance | >5000 M.Ωxkm |
| Capacitance (@800Hz) | Core - Core: ≤52 nF/km, Core - Cores - Screen: ≤90 nF/km |
| Characteristic Impedance | 100±10 Ω |
| Loop Resistance | AWG 24: ≤182 Ω/km; AWG 22: ≤115 Ω/km |
| Temperature Range | -30 °C.....+70 °C |
| Flame Retardancy | IEC/EN 60332-1 |
| Min. Bending Radius (Fixed) | 10 x Cable Diameter |

Cross Section

| Configuration / Cross-Section (mm/mm ²) | Cable Diameter (mm) (± 5%) | Copper Weight (kg / km) | ~ Cable Weight (kg / km) |
|---|----------------------------|-------------------------|--------------------------|
| 1x2x0.22 | 5.8 | 15 | 42 |
| 2x2x0.22 | 8.2 | 24 | 68 |
| 3x2x0.22 | 8.7 | 30 | 80 |
| 4x2x0.22 | 9.5 | 36 | 94 |
| 1x2x0.34 | 6.1 | 18 | 47 |
| 2x2x0.34 | 8.7 | 30 | 78 |
| 3x2x0.34 | 9.2 | 38 | 93 |
| 4x2x0.34 | 10.2 | 46 | 113 |

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