


# PART NO. 320109BS

LIYCY Signal Control Cable, 9 x 0.14 mm²

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Outer Jacket

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Stranded electrolytic copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295) |
| Insulation | : PVC (TS IEC 60189-2, EN 50290-2-21) (DIN 47100) |
| Stranding | : In layers |
| Wrapping | : Polyester tape |
| Screen | : Tinned copper braiding |
| Outer Jacket | : UV resistant PVC outer jacket. RAL 7035 (Grey) |

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 7.5xD mm |
| Temperature Range Operating | : -30°C ~ +70°C |

### STANDARDS

| | |
|---|---|
| Flame Retardancy Test | : IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2 |

### TECHNICAL DATA

| Cross Section | Conductor Resistance (20 °C) Ω/km | Insulation Resistance (20 °C) MΩ/km | Mutual Capacitance nF/km | Operating Voltage V DC | Test Voltage (@ 1 minute) V DC |
|---|---|---|---|---|---|
| 0.22 mm² | 85.0 | 200 | 110 | 250 | 1200 |
| 0.25 mm² | 77.8 | 200 | 110 | 250 | 1200 |
| 0.34 mm² | 56.0 | 200 | 110 | 250 | 1200 |
| 0.50 mm² | 39.0 | 20 | 120 | 300/500 | 2000 |
| 0.75 mm² | 26.0 | 20 | 120 | 300/500 | 2000 |
| 1.00 mm² | 19.5 | 20 | 130 | 300/500 | 2000 |
| 1.50 mm² | 13.3 | 20 | 140 | 300/500 | 2000 |
| 2.50 mm² | 7.98 | 20 | 150 | 300/500 | 2000 |

### CABLE TYPE DATA

| CAMCOM Part No. | Conductor Count | Pair Count | Conductor Cross-section (mm²) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Lengths (m) |
|---|---|---|---|---|---|---|---|
| 320109BS | 9 | - | 0.14 | 5.6 | 20.6 | 48 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

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Disclamer :- Datasheet is subject to modification without prior notication

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