

# PART NO. 321059IS

LIY(St)Y-PiMF/TiMF Signal Control Cable, 9 x 2 x 1 mm²

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Individual Wrapping
5 Individual Screen
6 Wrapping
7 Screen
8 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 | : Screened pairs or triads are stranded in layers. |
| Individual Wrapping | : Polyester tape |
| Individual Screen | : Tinned copper earthing wire, Al/PET tape |
| Wrapping | : Polyester tape |
| Screen | : Tinned copper earthing wire, Al/PET tape |
| Outer Jacket | : UV resistant PVC outer jacket. RAL 7035 (Grey) |

### TECHNICAL DATA

| | |
|---|---|
| Cross Section | : 1.00 mm² |
| Conductor Resistance (20 °C) Ω/km | : 19.5 |
| Insulation Resistance (20 °C) MΩ/km | : 20 |
| Mutual Capacitance nF/km | : 130 |
| Operating Voltage V DC | : 300/500 |
| Test Voltage (@ 1 minute) V DC | : 2000 |

### STANDARDS

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

### MECHANICAL CHARACTERISTICS

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

### 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) |
|---|---|---|---|---|---|---|---|
| 321059IS | – | 9 | 1 | 20.4 | 198 | 378 | 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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