

# PART NO. 421358IS

RE-Y(St)Y-PiMF/TiMF Instrumentation Cable, 8 x 2 x 1.3 mm²

CAMCOM™

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Individual Stranding
4 Individual Wrapping
5 Individual Screen
6 Overall Stranding
7 Overall Wrapping
8 Overall Screen

### STANDARDS

Manufacturing Referance : EN 50288-7 or IEC 60502-1
Flame Retardancy Test : IEC 60332-1-2

### CABLE CONSTRUCTION

Conductor : Stranded electrolytic copper conductor (Class 2) (IEC 60228, EN 60228, DIN VDE 0295)
Insulation : PVC (BS EN 50290-2, VDE 0207 YI1), Black, White, Red; Number coded (BS 5308-2)
Individual Stranding : Insulations stranding into pairs or triads
Individual Wrapping : Polyester tape
Individual Screen : Tinned copper earthing wire, Al/PET tape
Overall Stranding : Screened pairs or triads are stranded in layers.
Overall Wrapping : Polyester tape
Overall Screen : Tinned copper earthing wire, Al/PET tape
Outer Jacket : UV resistant PVC outer jacket. RAL 9005 (Black)

### MECHANICAL CHARACTERISTICS

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

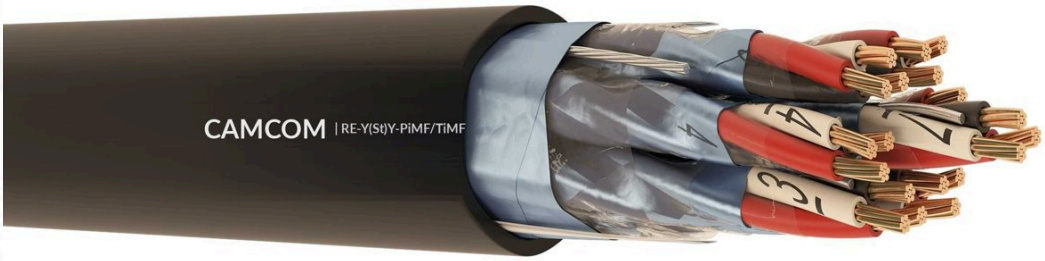
### TECHNICAL DATA

| Conductor Diameter | Conductor Resistance Ω/km (20 °C) | Insulation Resistance (@500V DC) MΩ/km | Mutual Capacitance nF/km | Operating Voltage V DC | Test Voltage (@ 1 minute) V DC |
|---|---|---|---|---|---|
| 0.50 mm² | 36.0 | 100 | 160 | 300/500 | 2000 |
| 0.75 mm² | 24.5 | 100 | 160 | 300/500 | 2000 |
| 1.00 mm² | 18.1 | 100 | 170 | 300/500 | 2000 |
| 1.50 mm² | 12.1 | 100 | 170 | 300/500 | 2000 |
| 2.50 mm² | 7.41 | 100 | 170 | 300/500 | 2000 |

### CABLE TYPE DATA

| CAMCOM Part No. | Pair Count | Conductor Cross-section (mm²) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Lengths (m) |
|---|---|---|---|---|---|---|
| 421358IS | 8 | 1.3 | 17.8 | 243 | 435 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

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