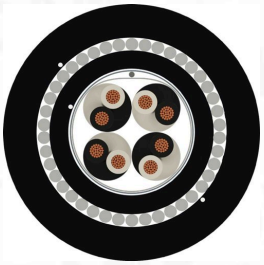


# PART NO. 422551FSP

RE-2Y(St)YSWAY-TP/TT Instrumentation Cable, 1 x 2 x 2.50 mm²

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Inner Jacket
7 Armor
8 Outer Jacket

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Stranded electrolytic copper conductor (Class 2) (IEC 60228, EN 60228, DIN VDE 0295) |
| Insulation | : Polyethylene (BS EN 50290-2, VDE 0207 YI1), Black, White, Red; Number coded (BS 5308-2) |
| Stranding | : Insulations stranding into pairs or triads |
| Wrapping | : Polyester tape |
| Screen | : Tinned copper earthing wire, Al/PET tape |
| Inner Jacket | : PVC inner jacket. RAL 9005 (Black) |
| Armor | : Galvanized steel wire armor, polyester tape |
| Outer Jacket | : UV resistant PVC outer jacket. RAL 9005 (Black) |

### TECHNICAL DATA

| | |
|---|---|
| Conductor Diameter | : 2.50 mm² |
| Conductor Resistance Ω/km (20 °C) | : 7.41 |
| Insulation Resistance (@500V DC) MΩ/km | : 5000 |
| Mutual Capacitance nF/km | : 170 |
| Operating Voltage V DC | : 300/500 |
| Test Voltage (@ 1 minute) V DC | : 2000 |

### STANDARDS

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

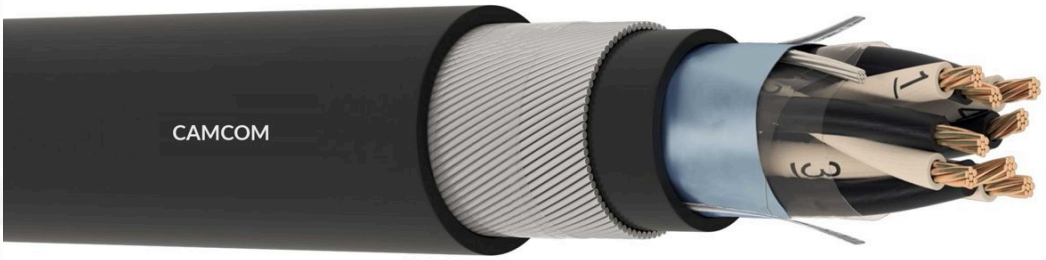
### MECHANICAL CHARACTERISTICS

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

### CABLE TYPE DATA

| CAMCOM Part No. | Pair Count | Conductor Cross-Section (mm²) | Approx. Cable Diameter (mm) | Copper Weight (kg/km) | Approx. Cable Weight (kg/km) | Packing Lengths (m) |
|---|---|---|---|---|---|---|
| 422551FSP | 1 | 2.50 | 13.4 | 53.9 | 345 | 500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

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Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

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