

PART NO. 421370ISE

RE-2Y(St)Y-PiMF/TiMF Instrumentation Cable, 20 x 2 x 1.3 mm²

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 : Polyethylene (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

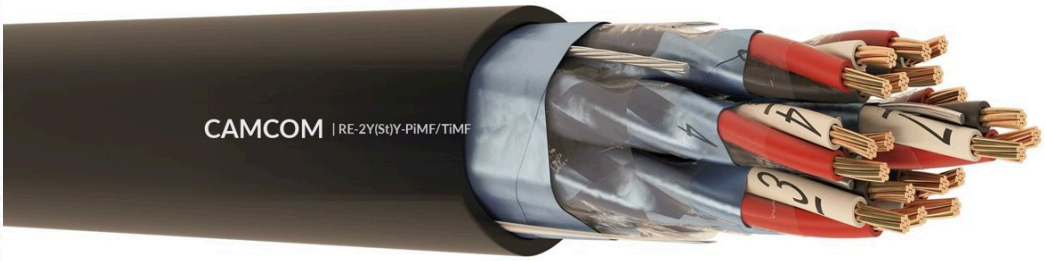
TECHNICAL DATA

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	5000	160	300/500	2000
0.75 mm²	24.5	5000	160	300/500	2000
1.00 mm²	18.1	5000	170	300/500	2000
1.50 mm²	12.1	5000	170	300/500	2000
2.50 mm²	7.41	5000	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)
421370ISE	20	1.3	27.6	600	980	100/500/1000

PRODUCT VIEW



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Disclamer :- Datasheet is subject to modification without prior notication

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