

PART NO. 431051FSE

RE-2Y(St)H-TP/TT Instrumentation Cable, 1 x 2 x 1 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 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
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 9005 (Black)

TECHNICAL DATA

Conductor Diameter	: 1.00 mm²
Conductor Resistance Ω/km (20 °C)	: 18.1
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 Reference	: EN 50288-7 or IEC 60502-1
Smoke Density Test	: IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2
Corrosive Gas Test	: IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3
Halogen-free Test	: IEC 60754-1, VDE 0482-267-2-1, BS EN 50267-2-1
Flame Propagation Test	: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-2-24
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.	Pair Count	Conductor Cross-section (mm²)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
431051FSE	1	1	6.4	24	57	100/500/1000

PRODUCT VIEW



Camcom is proud to be certified by

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Designed in Netherlands & Produced Globally.

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Disclamer :- Datasheet is subject to modification without prior notication

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