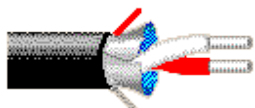


1102A Multi-Conductor - Thermocouple



Obsolete
Call
1-800-BELDEN1

For more Information
 please call

1-800-Belden1

Description:

20 AWG pairs solid conductors (iron & constantan), overall 100% Beldfoil® shield, PVC insulation, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	4	20	Solid	Iron and Constantan
1		22	7x30	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.016

Outer Shield**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	7x28	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: Yes

Overall Cabling**Overall Cabling Lay Length & Direction:**

Length (in.)
5.9

Overall Nominal Diameter: 0.365 in.

Pair**Pair Color Code Chart:**

Number	Color
1	White & Red

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2.000	6.000

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Non-UL Temperature Rating: 105°C

Bulk Cable Weight: 84.300 lbs/1000 ft.

Max. Recommended Pulling Tension: 111 lbs.

Min. Bend Radius (Install)/Minor Axis: 3.700 in.

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CMG

CSA Specification: FT4

IEEE Specification: 1202

Flame Test

UL Flame Test: UL1685 FT4 Loading

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Surface Printing: BELDEN 1102A E34972 4PR20 1C22 THCPL EXTN JX SHIELDED (UL) CMG
 105 OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR
 C(UL) CMG ---- FT4 IEEE1202 (2FT, 7 DIGIT SEQUENTIAL NUMBER) FEET

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
IRON	58.9
CONSTANTAN	260

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
7.1

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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