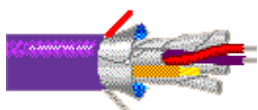


1025A Multi-Conductor - Thermocouple



**Obsolete
Call
1-800-BELDEN1**

For more Information
please call

1-800-Belden1

Description:

20 AWG pairs, solid conductors, copper & constantan, individually shielded, overall 100% Beldfoil® shield, PVC insulation, PVC jacket.

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

# Pairs	AWG	Stranding	Conductor Material
6	20	Solid	Chromel
6	20	Solid	Constantan
	22	7x30	BC - Bare Copper

Insulation**Insulation Material:**

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

Inner Shield**Inner Shield Material:**

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

Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

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
20	7x28	TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

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

Length (in.)
9.11

Overall Nominal Diameter: 0.603 in.

Pair**Pair Lay Length & Direction:**

Lay Length (in.)	Twists/ft. (twist/ft)
2.500	4.800

Mechanical Characteristics (Overall)

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

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Non-UL Temperature Rating:	105°C
Bulk Cable Weight:	219 lbs/1000 ft.
Max. Recommended Pulling Tension:	333 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.100 in.

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:	UL 1685 FT4 Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Surface Printing (Overall)

Surface Printing:	BELDEN 1025A E34972 12PR20 1C22 THCPL EXTN TX SHIELDED (UL) CMG 105C OR PLTC OR ITC SUN RES DIR BUR OR AWM 2464 80C 300V OR C(UL) CMG ---- FT4 IEEE1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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Electrical Characteristics (Overall)**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

5.8

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	10.600 Ohm/1000 ft
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Notes (Overall)

Notes: Chromel & Constantan = "Constantan is a Hoskins Manufacturing Company trademark."

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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