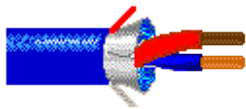


1023A Multi-Conductor - Thermocouple Extension Cable

For more Information
please call

1-800-Belden1



Description:

16 AWG pairs solid conductors, overall Beldfoil shield (100% coverage), PVC insulation, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
1	16	Solid	Copper & Constantan

Total Number of Conductors: 2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Dia. (mm)
PVC - Polyvinyl Chloride	0.4318	2.159

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
18	16x30	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 6.299 mm

Pair

Pair Color Code Chart:

Number	Color
1	Blue & Red

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C
Non-UL Temperature Rating:	105°C
Bulk Cable Weight:	56.552 Kg/Km
Max. Recommended Pulling Tension:	378.097 N
Min. Bend Radius/Minor Axis:	63.500 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG, ITC, PLTC
CEC/C(UL) Specification:	CMG

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EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
ANSI Specification:	MC 96.1-1982 Type TX

Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m)
0.59058

Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
167.331

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
82.025

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/km)
CONSTANTAN	397.001
COPPER	13.124

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
124.678

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1023A 0131000	305 MT	21.319 KG	BLUE, DARK	C	2 #16 PVC FS PVC
1023A 01310000	3,048 MT	213.189 KG	BLUE, DARK	C Z	2 #16 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

Revision Number: 1 Revision Date: 11-11-2011

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