



**Part Number:** 1000A

Thermocouple Extension, (1 pr) 16 AWG Solid Type JX, PVC/PVC, Foil Shld, CMG

## Product Description

One 16 AWG pair solid Type JX conductors, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
16	Solid	Iron & Constantan	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.085 in	0.017 in

#### Color Chart 1:

Number	Color
1	White & Red

#### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	18	16x30 mm

### Outerjacket 1:

Material	Nominal Diameter	Ripcord
PVC - Polyvinyl Chloride	0.248 in	Yes

<b>Print Legend:</b>	BELDEN 1000A E34972 1PR16 THCPL EXTN JX SHIELDED (UL) CMG 105C PLTC OR ITC SUN RES OR AWM 2464 80C 300V OR C(UL) CMG ---- FT4 IEEE1202 (2 FT, 7 DIGIT SEQUENTIAL NUMBER) FEET
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## Electrical Characteristics

### Conductor DCR:

Element	Nominal Conductor DCR	Nominal Outer Shield DCR
IRON	24 Ohm/1000ft	38 Ohm/1000ft
CONSTANTAN	121 Ohm/1000ft	

## Use

<b>Max Recommended Pulling Tension:</b>	83 lbs
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## Safety

<b>CSA Flammability:</b>	FT4
<b>UL Flammability:</b>	UL1685 FT4 Loading

## Temperature Range

<b>Operating Temp Range:</b>	-30°C To +105°C
<b>UL Temp Rating:</b>	105°C

## Mechanical Characteristics

<b>Min Bend Radius/Minor Axis:</b>	2.5 in
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## Part Number

<b>Plenum (Y/N):</b>	No
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## Standards

<b>ANSI Compliance:</b>	ANSI Specification
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<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	CA Prop 65 (CJ for Wire & Cable)
<b>CEC/C(UL) Specification:</b>	CMG
<b>MII Order #39 (China RoHS):</b>	MII Order #39 (China RoHS)
<b>NEC/(UL) Specification:</b>	CMG^ITC^PLTC
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
1000A 01010000	BLACK	Reel	10000 ft
1000A 0101000	BLACK	Reel	1000 ft

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