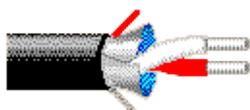


## 1000A Multi-Conductor - Thermocouple Extension Cable



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	Iron & Constantan

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PVC - Polyvinyl Chloride	.017	.085

#### 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

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 0.248 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	White & Red

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 105°C

Bulk Cable Weight: 36 lbs/1000 ft.

Max. Recommended Pulling Tension: 83 lbs.

Min. Bend Radius (Install)/Minor Axis: 2.500 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

CEC/C(UL) Specification: CMG

## 1000A Multi-Conductor - Thermocouple Extension Cable

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 JX

### Flame Test

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
ICEA Flame Test:	T-29-520g

### Plenum/Non-Plenum

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

## Electrical Characteristics (Overall)

### Nom. Inductance:

Inductance (µH/ft)

.18

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

51

### Nom. Capacitance Conductor to Conductor:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	Capacitance (pF/ft)
0	0	0	0	25

### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
IRON	24
CONSTANTAN	121

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

38

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1000A 0101000	1,000 FT	43.000 LB	BLACK	C	2 #16 PVC FS PVC
1000A 0101000	10,000 FT	480.000 LB	BLACK	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.

## 1000A Multi-Conductor - Thermocouple Extension Cable

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