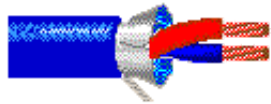


Print Preview

Show Metric

83954



**Multi-Conductor - High-Temperature Thermocouple Extension Cable**

20 AWG stranded (7x28) conductors, FEP insulation, overall Beldfoil® shield (100% coverage), FEP jacket.

For more Information  
Please call

1-800-Belden1



Click here for Certificate

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83954 0061000	1,000 FT	18.000 LB	BLUE, LIGHT	C	2#20TYPE TX THERMOCOUPLE

**Notes:**

C = CRATE REEL PUT-UP.

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	20	7x28	Copper & Constantan	

Total Number of Conductors:

2

#### Insulation

**Insulation Material:**

Insulation Material	Wall Thickness (in.)
FEP - Fluorinated Ethylene Propylene	.010

#### Outer Shield

**Outer Shield Material:**

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)

Beldfoil® | Tape | Aluminum Foil-Polyester Tape-Aluminum Foil | 100

#### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	7x30	TC - Tinned Copper

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
FEP - Fluorinated Ethylene Propylene

#### Overall Cable

Overall Nominal Diameter: 0.145 in.

#### Pair

##### Pair Color Code Chart:

Number	Color
1	Blue & Red

#### Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C  
Non-UL Temperature Rating: 200°C  
Bulk Cable Weight: 18 lbs/1000 ft.  
Min. Bend Radius/Minor Axis: 1.500 in.

#### Applicable Specifications and Agency Compliance (Overall)

##### Applicable Standards & Environmental Programs

NEC/(UL) Specification: PLTC, CL3P  
EU Directive 2011/65/EU (ROHS II): Yes  
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: UL910 Steiner Tunnel

##### Plenum/Non-Plenum

Plenum (Y/N): Yes

## Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
COPPER	10
CONSTANTAN	283

#### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
12

Close

Revision Number: 1    Revision Date: 06-03-2011

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