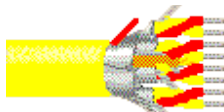


1016A Multi-Conductor - Thermocouple Extension Cable



**Obsolete
Call
1-800-BELDEN1**

For more Information
please call

1-800-Belden1

**Description:**

20 AWG pairs solid conductors, PVC insulation, individually shielded plus an overall Beldfoil shield (100% coverage), PVC jacket.

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

# Pairs	AWG	Stranding	Conductor Material
12	20	Solid	Chromel
12	20	Solid	Alumel
	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.)
10.75

Overall Nominal Diameter: 0.850 in.

Pair**Pair Color Code Chart:**

Number	Color
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1016A Multi-Conductor - Thermocouple Extension Cable

1	Yellow & Red and Numbered 1
2	Yellow & Red and Numbered 2
3	Yellow & Red and Numbered 3
4	Yellow & Red and Numbered 4
5	Yellow & Red and Numbered 5
6	Yellow & Red and Numbered 6
7	Yellow & Red and Numbered 7
8	Yellow & Red and Numbered 8
9	Yellow & Red and Numbered 9
10	Yellow & Red and Numbered 10
11	Yellow & Red and Numbered 11
12	Yellow & Red and Numbered 12
13	Yellow & Red and Numbered 13
14	Yellow & Red and Numbered 14
15	Yellow & Red and Numbered 15
16	Yellow & Red and Numbered 16
17	Yellow & Red and Numbered 17
18	Yellow & Red and Numbered 18
19	Yellow & Red and Numbered 19
20	Yellow & Red and Numbered 20
21	Yellow & Red and Numbered 21
22	Yellow & Red and Numbered 22
23	Yellow & Red and Numbered 23
24	Yellow & Red and Numbered 24

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
Non-UL Temperature Rating:	105°C
Bulk Cable Weight:	411 lbs/1000 ft.
Max. Recommended Pulling Tension:	840 lbs.
Min. Bend Radius (Install)/Minor Axis:	8.600 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

CEC/C(UL) Specification:	CMG
CSA Specification:	FT4
IEEE Specification:	1202
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 KX

Flame Test

UL Flame Test:	UL1685 FT4 Loading
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1016A Multi-Conductor - Thermocouple Extension Cable**Plenum/Non-Plenum**

Plenum (Y/N): No

Surface Printing (Overall)

Surface Printing: BELDEN 1016A E34972 24PR20 1C22 THCPL EXTN KX 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

Electrical Characteristics (Overall)**Nominal Outer Shield DC Resistance:****DCR @ 20°C (Ohm/1000 ft)**

6.8

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

Notes (Overall)

Notes: Chromel & Alumel = "Chromel and Alumel are Hoskins Manufacturing Company trademarks."

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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