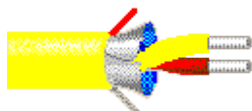


## 1018A Multi-Conductor - Thermocouple Extension Cable



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	Chromel & Alumel

**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	Yellow & Red

**Mechanical Characteristics (Overall)**

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

Non-UL Temperature Rating: 105°C

Bulk Cable Weight: 39 lbs/1000 ft.

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

EU CE Mark: Yes

## 1018A Multi-Conductor - Thermocouple Extension Cable

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
CSA Flame Test:	FT4
ICEA Flame Test:	T-29-520

## 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:

Capacitance (pF/ft)
25

## Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
CHROMEL	147
CONSTANTAN	58.9

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
38

## Notes (Overall)

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

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1018A 0041000	1,000 FT	38.000 LB	YELLOW	C	300V/KX/PR/01/16AWG/PVC/OS/NIA
1018A 00410000	10,000 FT	450.000 LB	YELLOW	C Z	300V/KX/PR/01/16AWG/PVC/OS/NIA

## 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.

## 1018A Multi-Conductor - Thermocouple Extension Cable

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