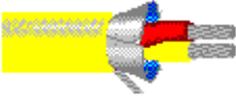


83952 Paired - High-Temperature Thermocouple Extension Cable

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	20
Stranding	7x28
Conductor Material	Chromel & Alumel

INSULATION:

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

Pair Color Code Chart :

Number	Color
1	Yellow & Red

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape-Aluminum Foil
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

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

OUTER JACKET:

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.145 in.
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MECHANICAL CHARACTERISTICS:

83952 Paired - High-Temperature Thermocouple Extension Cable

Operating Temperature Range	-70°C To +200°C
Non-UL Temperature Rating	200°C
Bulk Cable Weight	18 lbs/1000 ft.
Min. Bend Radius (Install)	1.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	PLTC, CL3P
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
IMSA Specification	MC 96.1-1982 Type KX

FLAME TEST:

UL Flame Test	UL910 Steiner Tunnel
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PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20 Deg. C :

Description	Nom. Conductor DC Resistance @ 20 Deg. C (Ohms/1000 ft)
CHROMEL	387
ALUMEL	156

Nominal Outer Shield DC Resistance @ 20 Deg. C	12 Ohms/1000 ft
Max. Operating Voltage - Other	300 V RMS

NOTES:

Notes	Chromel & Alumel = "Chromel and Alumel are Hoskins Manufacturing Company trademarks."
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PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
83952 0041000	2#20TYPE KX THERMOCOUPLE	1000	16	YELLOW	C
83952 004500	2#20TYPE KX THERMOCOUPLE	500	9.5	YELLOW	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-22-2005

83952 Paired - High-Temperature Thermocouple Extension Cable

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