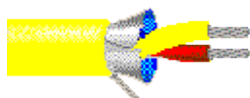


83952 Multi-Conductor - High-Temperature Thermocouple Extension Cable



For more Information
please call

1-800-Belden1

**General Description:**

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

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

# Pairs	AWG	Stranding	Conductor Material
1	20	7x28	Chromel & Alumel

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
FEP - Fluorinated Ethylene Propylene	0.254

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: 3.683 mm

Pair**Pair Color Code Chart:**

Number	Color
1	Yellow & Red

Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

Non-UL Temperature Rating: 200°C

Bulk Cable Weight: 26.788 Kg/Km

Min. Bend Radius/Minor Axis: 38.100 mm

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

83952 Multi-Conductor - High-Temperature 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
IMSA Specification:	MC 96.1-1982 Type KX

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/km)
CHROMEL	1269.75
ALUMEL	511.836

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
39.372

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
83952 0041000	305 MT	8.165 KG	YELLOW	C	2#20TYPE KX THERMOCOUPLE
83952 004500	152 MT	4.309 KG	YELLOW	C	2#20TYPE KX THERMOCOUPLE
83952 0045000	1,524 MT	38.556 KG	YELLOW	C Z	2#20TYPE KX THERMOCOUPLE

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.

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

© 2013 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.