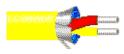
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1116A Multi-Conductor - High-Temperature Thermocouple Extension Cable



For more Information please call

1-800-Belden1



Description:

16 AWG pairs solid conductors, FEP insulation, overall Beldfoil shield (100% coverage), FEP jacket.

Physical Characteristics (Overall)	
Conductor AWG:	
# Pairs AWG Stranding Conductor Material	
1 16 Solid Chromel & Alumel	
Insulation	
Insulation Material:	
Insulation Material Wall Thick	ness (in.)
FEP - Fluorinated Ethylene Propylene .010	
Outer Shield Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Ma	aterial Coverage (%)
Beldfoil® Tape Aluminum Foil-P	olyester Tape-Aluminum Foil 100
Outer Shield Drain Wire AWG:	
AWG Stranding Drain Wire Conductor Material	
18 7x26 TC - Tinned Copper	
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material FEP - Fluorinated Ethylene Propylene	
Overall Cable	
Overall Nominal Diameter:	0.171 in.
Pair	0.171 in.
	0.171 in.
Pair Pair Color Code Chart: Number Color	0.171 in.
Pair Pair Color Code Chart: Number Color 1 Yellow & Red	0.171 in. -70°C To +200°C
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall)	
Pair Pair Color Code Chart: <u>Number Color</u> <u>1</u> Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range:	-70°C To +200°C
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range: Non-UL Temperature Rating:	-70°C To +200°C 200°C
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range: Non-UL Temperature Rating: Bulk Cable Weight:	-70°C To +200°C 200°C 32 lbs/1000 ft. 1.750 in.
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range: Non-UL Temperature Rating: Bulk Cable Weight: Min. Bend Radius (Install)/Minor Axis:	-70°C To +200°C 200°C 32 lbs/1000 ft. 1.750 in. Compliance (Overall)
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range: Non-UL Temperature Rating: Bulk Cable Weight: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency	-70°C To +200°C 200°C 32 lbs/1000 ft. 1.750 in. Compliance (Overall)
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range: Non-UL Temperature Rating: Bulk Cable Weight: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Applicable Standards & Environmental Pr	-70°C To +200°C 200°C 32 lbs/1000 ft. 1.750 in. Compliance (Overall) ograms
Pair Pair Color Code Chart: Number Color 1 Yellow & Red Mechanical Characteristics (Overall) Operating Temperature Range: Non-UL Temperature Rating: Bulk Cable Weight: Min. Bend Radius (Install)/Minor Axis: Applicable Specifications and Agency Applicable Standards & Environmental Pr NEC/(UL) Specification:	-70°C To +200°C 200°C 32 lbs/1000 ft. 1.750 in. Compliance (Overall) ograms PLTC, CL3P

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

1116A Multi-Conductor - High-Temperature Thermocouple Extension Cable

EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005				
EU Directive 2002/96/EC (WEEE):	Yes				
EU Directive 2003/11/EC (BFR):	Yes Yes Yes				
CA Prop 65 (CJ for Wire & Cable):					
MII Order #39 (China RoHS):					
ANSI Specification:	MC 96.1-1982 Type KX				
ame Test					
UL Flame Test:	UL910 Steiner Tunnel				
enum/Non-Plenum					
Plenum (Y/N):	Yes				

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/1000 ft)
CHROMEL	165
ALUMEL	66

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

5.5

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
1116A 0045000	5,000 FT	160.000 LB	YELLOW	CZ	1 SH PR #16 KX FEP FEP

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: 05-14-2007

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