

# Transition Junction Style Probes

## With High Temperature Molded Construction

### Standard Dimensions

- ✓ 6" and 12" Lengths in Stock<sup>†</sup>
- ✓ Sheath Diameters from 0.010" to 0.125"
- ✓ 304SS, 310SS, 316SS, 321SS, Inconel or Super OMEGACLAD<sup>®</sup> XL Sheath
- ✓ Grounded, Ungrounded or Exposed Junction
- ✓ 40" Teflon<sup>®</sup>-Coated Lead Wires Standard
- ✓ Environmentally Friendly Cadmium-Free Liquid Crystal Polymer Molded Transition Junction Rated to 260°C (500°F)

Available in Type N Calibration

MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2: Tolerance Class 1

OMEGACLAD<sup>®</sup> FACTORY CAL AVAILABLE MADE IN USA

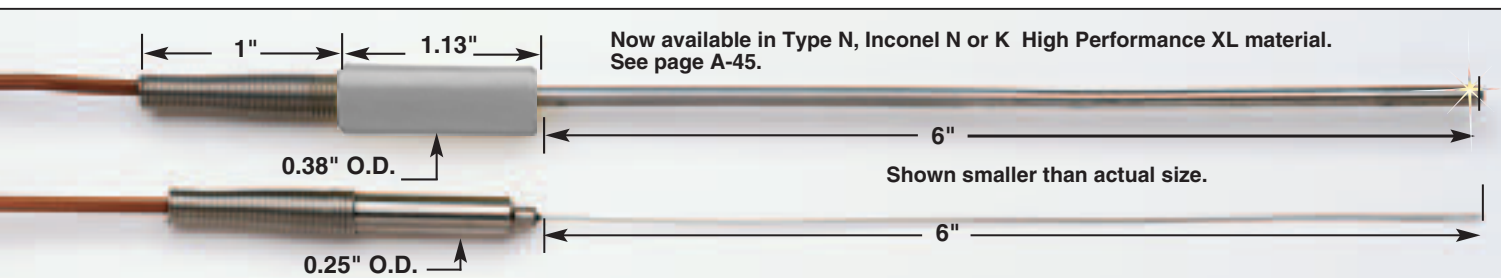
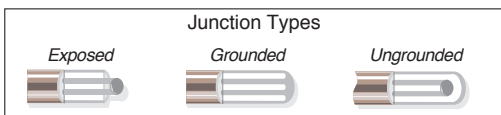
Available as

ANSI color code shown

To order IEC color code see page A-9

**SUPER** OMEGACLAD<sup>®</sup> XL THERMOCOUPLE WIRE  
MAXIMUM PERFORMANCE SHEATHING ELIMINATES HIGH TEMPERATURE DRIFT

See Pages A-45 to A-48



**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)							
Alloy/ANSI Color Code	Sheath Dia. in.	Model No. 6" Length	Model No. 12" Length				
Iron-Constantan 304 SS Sheath <b>J</b>	0.010"	JMTSS-010(*)-6			JMTSS-010(*)-12		
	0.020"	JMTSS-020(*)-6			JMTSS-020(*)-12		
	0.032"	JMTSS-032(*)-6			JMTSS-032(*)-12		
	0.040"	JMTSS-040(*)-6			JMTSS-040(*)-12		
	0.062"	JMTSS-062(*)-6			JMTSS-062(*)-12		
	0.125"	JMTSS-125(*)-6			JMTSS-125(*)-12		
CHROMEGLA <sup>®</sup> ALOMEGA <sup>®</sup> 304 SS Sheath <b>**K</b>	0.010"	KMTSS-010(*)-6			KMTSS-010(*)-12		
	0.020"	KMTSS-020(*)-6			KMTSS-020(*)-12		
	0.032"	KMTSS-032(*)-6			KMTSS-032(*)-12		
	0.040"	KMTSS-040(*)-6			KMTSS-040(*)-12		
	0.062"	KMTSS-062(*)-6			KMTSS-062(*)-12		
	0.125"	KMTSS-125(*)-6			KMTSS-125(*)-12		
CHROMEGLA <sup>®</sup> Constantan 304 SS Sheath <b>E</b>	0.010"	EMTSS-010(*)-6			EMTSS-010(*)-12		
	0.020"	EMTSS-020(*)-6			EMTSS-020(*)-12		
	0.032"	EMTSS-032(*)-6			EMTSS-032(*)-12		
	0.040"	EMTSS-040(*)-6			EMTSS-040(*)-12		
	0.062"	EMTSS-062(*)-6			EMTSS-062(*)-12		
	0.125"	EMTSS-125(*)-6			EMTSS-125(*)-12		
Copper-Constantan 304 SS Sheath <b>T</b>	0.020"	TMTSS-020(*)-6			TMTSS-020(*)-12		
	0.032"	TMTSS-032(*)-6			TMTSS-032(*)-12		
	0.040"	TMTSS-040(*)-6			TMTSS-040(*)-12		
	0.062"	TMTSS-062(*)-6			TMTSS-062(*)-12		
	0.125"	TMTSS-125(*)-6			TMTSS-125(*)-12		

**Note:** Probes with 0.040" diameter and larger supplied with molded transition joints. Smaller-size probes supplied with stainless steel transition joints. All Type N probes supplied with stainless steel transition joints; see page A-45 for Type N probe pricing and information.

\*Specify junction type: **E** (exposed), **G** (grounded) or **U** (ungrounded). <sup>†</sup>Other lengths available, please consult Sales Department.

To order with 304, 310, 316 or 321 SS sheath, change "SS" in model number to "304SS", "310SS", "316SS" or "321SS" respectively; no additional charge. Consult Sales for lengths between 2 to 12", or for lengths over 24". **Type N Inconel Sheathing is available**, Contact Sales for model numbers. \*\*For Super OMEGACLAD<sup>®</sup> XL, change "SS" to "XL" and add to price.

**Ordering Example:** KMTSS-125U-6, subminiature transition joint probe, Type K, 0.125" O.D. 304 stainless steel sheath, 6" length, ungrounded junction,

# Transition Junction Style Probes

## With High Temperature Molded Construction

### Metric Dimensions

- 150 mm and 300 mm Lengths in Stock†
- 1 m Teflon®-Coated Lead Wires Standard
- Sheath Diameters from 0.25 mm to 3.0 mm
- 304SS, 310SS, 316SS, 321SS, Inconel or Super OMEGACLAD® XL Sheath
- Grounded, Ungrounded or Exposed Junction
- Environmentally Friendly Cadmium-Free Liquid Crystal Polymer
- Molded Transition Junction Rated to 260°C (500°F)

Available in Type N Calibration

MEETS OR EXCEEDS SPECIAL LIMITS OF ERROR (SLE) AND EN 60584-2: Tolerance Class 1

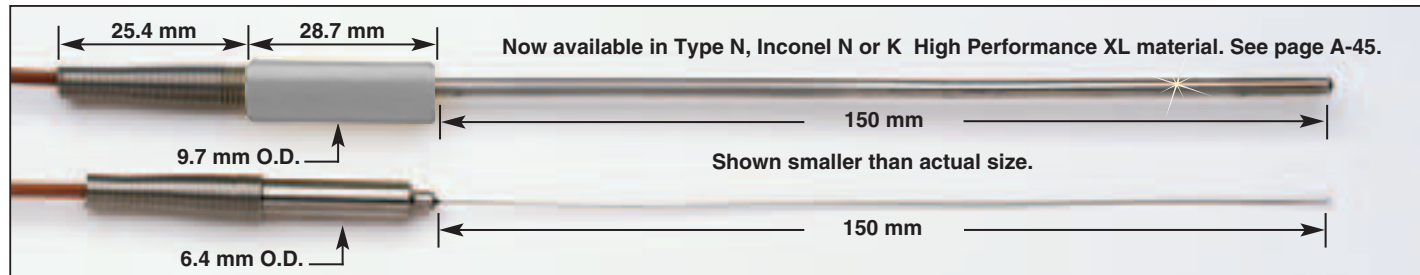
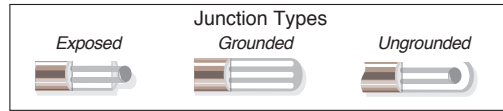
OMEGACLAD FACTORY CAL AVAILABLE MADE IN USA

ANSI color code shown

To order IEC color code see page A-9

Available as SUPER OMEGACLAD® XL THERMOCOUPLE WIRE

See Pages A-45 to A-48



Discount Schedule	
1-10 Units.....	Net
11-24 Units.....	10%
25-49 Units.....	20%
50 and Up.....	Consult Sales

**ALL MODELS AVAILABLE FOR FAST DELIVERY!**

To Order (Specify Model Number)							
Alloy/ANSI Color Code	Sheath Dia. mm	Model No. 150mm Length					
Iron-Constantan 304 SS Sheath <b>J</b>	0.25	JMTSS-M025(*)-150			JMTSS-M025(*)-300		
	0.50	JMTSS-M050(*)-150			JMTSS-M050(*)-300		
	0.75	JMTSS-M075(*)-150			JMTSS-M075(*)-300		
	1.0	JMTSS-M100(*)-150			JMTSS-M100(*)-300		
	1.5	JMTSS-M150(*)-150			JMTSS-M150(*)-300		
	3.0	JMTSS-M300(*)-150			JMTSS-M300(*)-300		
CHROMEGA® ALOMEGA® 304 SS Sheath <b>**K</b>	0.25	KMTSS-M025(*)-150			KMTSS-M025(*)-300		
	0.50	KMTSS-M050(*)-150			KMTSS-M050(*)-300		
	0.75	KMTSS-M075(*)-150			KMTSS-M075(*)-300		
	1.0	KMTSS-M100(*)-150			KMTSS-M100(*)-300		
	1.5	KMTSS-M150(*)-150			KMTSS-M150(*)-300		
	3.0	KMTSS-M300(*)-150			KMTSS-M300(*)-300		
CHROMEGA® Constantan 304 SS Sheath <b>E</b>	0.25	EMTSS-M025(*)-150			EMTSS-M025(*)-300		
	0.50	EMTSS-M050(*)-150			EMTSS-M050(*)-300		
	0.75	EMTSS-M075(*)-150			EMTSS-M075(*)-300		
	1.0	EMTSS-M100(*)-150			EMTSS-M100(*)-300		
	1.5	EMTSS-M150(*)-150			EMTSS-M150(*)-300		
	3.0	EMTSS-M300(*)-150			EMTSS-M300(*)-300		
Copper-Constantan 304 SS Sheath <b>T</b>	0.50	TMTSS-M050(*)-150			TMTSS-M050(*)-300		
	0.75	TMTSS-M075(*)-150			TMTSS-M075(*)-300		
	1.0	TMTSS-M100(*)-150			TMTSS-M100(*)-300		
	1.5	TMTSS-M150(*)-150			TMTSS-M150(*)-300		
	3.0	TMTSS-M300(*)-150			TMTSS-M300(*)-300		

**Note:** Probes with 1.0 mm diameter and larger supplied with molded transition joints. Smaller-size probes supplied with stainless steel transition joints. All Type N probes supplied with stainless steel transition joints; see page A-47 for Type N probe pricing and information.

\*Specify junction type: E (exposed), G (grounded) or U (ungrounded).

†Other lengths available, consult Sales Department

To order with 304, 310, 316 or 321 SS sheath, change "SS" in model number to "304SS", "310SS", "316SS" or "321SS" respectively; no additional charge. Consult Sales for lengths between 2 to 12", or for lengths over 24". Type N Inconel Sheathing is available, Contact Sales for model numbers.

\*\*For Super OMEGACLAD® XL, change "SS" to "XL" and add to price.

**Ordering Example:** KMTSS-M150G-150, subminiature transition joint probe, Type K, 1.5 mm O.D. stainless steel sheath, 150 mm length, grounded junction,



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1-800-TC-OMEGA  
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