

# Compact Transition Joint Probes

## Where Space is Limited

### PFA Insulated Lead Wire

Dimensions: mm (in)      150 or 300 (6 or 12) Lengths

Transition Joint  
4.5 OD x 30 L  
(0.18 x 1.18)

304 SS, 310 SS, 316 SS, 321 SS and Inconel® 600 in Stock

24 AWG Stranded for All Probes

Transition Joint Dia. of 4.5 mm (0.177")

Available with Super OMEGACLAD® XL Compacted Mineral Insulation Cable for Long-Lasting Performance in Harsh Conditions

TJC36 Series Starts at

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

OMEGACAL™ Factory CAL AVAILABLE See Section I

MADE IN USA

1 m (40") Cable Included

Stripped leads standard

PROBE CONFIGURATOR

For additional cold-end terminations, sheath materials, and lead wires, visit our automated probe configurator at [omega.com](http://omega.com).

TJC36-CASS-032U-12, shown smaller than actual size.

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)								
Calibration ANSI Code	Sheath Material	Sheath Dia. mm (in)	Upper Temp Guidelines °C (°F) T/C Junction	Model No. *Specify Junction (G)rounded, (E)xposed, or (U)ngrounded. **Probe Length 150 mm (6"), 300 mm (12"), 450 mm (18") in Stock				
K CHROMEGA® ALOMEGA®	304 SS	0.25 (0.010)	260 (500)	TJC36-CASS-010(*)-(**)				
	304 SS	0.50 (0.020)	371 (700)	TJC36-CASS-020(*)-(**)				
	304 SS	0.80 (0.032)	550 (1112)	TJC36-CASS-032(*)-(**)				
	304 SS	1.00 (0.040)	550 (1112)	TJC36-CASS-040(*)-(**)				
	304 SS	1.59 (0.062)	899 (1650)	TJC36-CASS-062(*)-(**)				
	INC 600	0.25 (0.010)	260 (500)	TJC36-CAIN-010(*)-(**)				
	INC 600	0.50 (0.020)	371 (700)	TJC36-CAIN-020(*)-(**)				
	INC 600	0.80 (0.032)	700 (1290)	TJC36-CAIN-032(*)-(**)				
	INC 600	1.00 (0.040)	700 (1290)	TJC36-CAIN-040(*)-(**)				
	INC 600	1.59 (0.062)	921 (1690)	TJC36-CAIN-062(*)-(**)				
	XL	0.25 (0.010)	316 (600)	TJC36-CAXL-010(*)-(**)				
	XL	0.50 (0.020)	427 (800)	TJC36-CAXL-020(*)-(**)				
	XL	0.80 (0.032)	815 (1500)	TJC36-CAXL-032(*)-(**)				
	XL	1.00 (0.040)	815 (1500)	TJC36-CAXL-040(*)-(**)				
XL	1.59 (0.062)	1038 (1900)	TJC36-CAXL-062(*)-(**)					
J IRON-CONSTANTAN	304 SS	0.25 (0.010)	204 (400)	TJC36-ICSS-010(*)-(**)				
	304 SS	0.50 (0.020)	260 (500)	TJC36-ICSS-020(*)-(**)				
	304 SS	0.80 (0.032)	260 (500)	TJC36-ICSS-032(*)-(**)				
	304 SS	1.00 (0.040)	260 (500)	TJC36-ICSS-040(*)-(**)				
	304 SS	1.59 (0.062)	441 (825)	TJC36-ICSS-062(*)-(**)				
T COPPER-CONSTANTAN	304 SS	0.50 (0.020)	260 (500)	TJC36-CPSS-020(*)-(**)				
	304 SS	0.80 (0.032)	260 (500)	TJC36-CPSS-032(*)-(**)				
	304 SS	1.00 (0.040)	260 (500)	TJC36-CPSS-040(*)-(**)				
	304 SS	1.59 (0.062)	260 (500)	TJC36-CPSS-062(*)-(**)				

\* Specify junction type: E (Exposed), G (Grounded) or U (Ungrounded). \*\* Specify length in inches, 6" price shown; for 12", use 6" price plus additional price for length. Custom lengths also available; use additional price for length in 150 mm/6" increments.  
**Ordering Example:** TJC36-CASS-020G-6, compact transition joint probe, 40" cable, Type K, 0.020" OD stainless steel sheath, 6" length, grounded junction.



#### UNITED STATES

[www.omega.com](http://www.omega.com)  
1-800-TC-OMEGA  
Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)  
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