

# Metric Dual OMEGACLAD® Thermocouple Wire

1.0 to 6.0 mm Diameter

New! Type N Now Available with Inconel Sheath

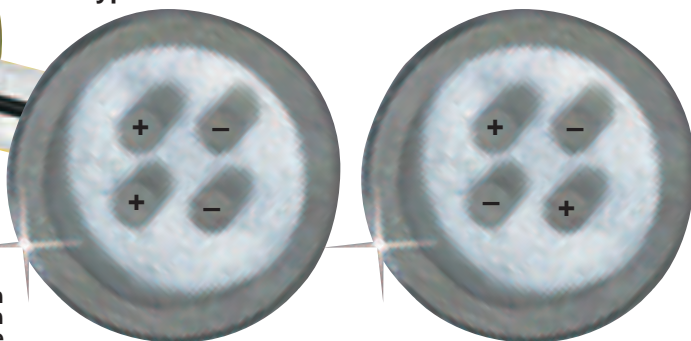


Available!

Thermocouple Wire Stripper for metal sheathed or OMEGACLAD™ wire. Please See PST Series Strippers on page H-59.

Bends Easily!  
Shown smaller than actual size

Shown larger than actual size



U.S. configuration

European configuration

OMEGACLAD® wire is metal-sheathed cable containing thermocouple wires which are insulated from each other and from the sheath by highly compacted magnesium oxide (MgO). Metric size OMEGACLAD® wire is available in 304 SS, 310 SS, 316 SS, 321 SS Inconel 600, Hastelloy and SUPER OMEGACLAD® XL sheathing. To order, specify the desired model number and desired length in meters.

CONTINUOUS LENGTHS AVAILABLE!

CONSULT SALES FOR PRICING AND AVAILABILITY

ALL MODELS AVAILABLE FOR FAST DELIVERY!

DUAL PAIR METRIC OMEGACLAD WIRE							
Model Number	Wire Calibration	Sheath Material	Sheath Diameter mm	Wall Thickness mm	Resistance 15.5°C Ohm/dbl. meter	Wire Diameter mm	Price/Meter*
304-J-MO-1.0MM-DUAL-*	J	304 Stainless Steel	1.0	0.15	26.0	0.13	6.40
304-J-MO-1.5MM-DUAL-*			1.5	0.25	12.5	0.25	6.40
304-J-MO-3.0MM-DUAL-*			3.0	0.46	4.52	0.56	7.55
304-J-MO-4.5MM-DUAL-*			4.5	0.66	1.48	0.79	12.95
304-J-MO-6.0MM-DUAL-*			6.0	0.94	0.82	1.02	20.50
INC-J-MO-1.0MM-DUAL-*	J	Inconel®	1.0	0.15	26.0	0.13	6.40
INC-J-MO-1.5MM-DUAL-*			1.5	0.25	12.5	0.25	6.40
INC-J-MO-3.0MM-DUAL-*			3.0	0.46	4.52	0.56	12.95
INC-J-MO-4.5MM-DUAL-*			4.5	0.66	1.48	0.79	17.90
INC-J-MO-6.0MM-DUAL-*			6.0	0.94	0.82	1.02	30.85
304-K-MO-1.0MM-DUAL-*	K	304 Stainless Steel	1.0	0.15	43.0	0.13	6.40
304-K-MO-1.5MM-DUAL-*			1.5	0.25	17.3	0.25	6.40
304-K-MO-3.0MM-DUAL-*			3.0	0.46	4.82	0.56	7.55
304-K-MO-4.5MM-DUAL-*			4.5	0.66	2.17	0.79	12.95
304-K-MO-6.0MM-DUAL-*			6.0	0.94	1.25	1.02	20.50
INC-K-MO-1.0MM-DUAL-*	K or N†	Inconel® 600	1.0	0.15	43.0	0.13	6.40
INC-K-MO-1.5MM-DUAL-*			1.5	0.25	17.3	0.25	6.40
INC-K-MO-3.0MM-DUAL-*			3.0	0.46	4.82	0.56	12.95
INC-K-MO-4.5MM-DUAL-*			4.5	0.66	2.17	0.79	17.90
INC-K-MO-6.0MM-DUAL-*			6.0	0.94	1.25	1.02	30.85
304-T-MO-1.0MM-DUAL-*	T	304 Stainless Steel	1.0	0.15	24.0	0.13	6.40
304-T-MO-1.5MM-DUAL-*			1.5	0.25	9.94	0.25	6.40
304-T-MO-3.0MM-DUAL-*			3.0	0.46	2.53	0.56	7.55
304-T-MO-4.5MM-DUAL-*			4.5	0.66	1.18	0.79	12.95
304-T-MO-6.0MM-DUAL-*			6.0	0.94	0.66	1.02	20.50
INC-T-MO-1.0MM-DUAL-*	T	Inconel® 600	1.0	0.15	24.0	0.13	7.55
INC-T-MO-1.5MM-DUAL-*			1.5	0.25	9.94	0.25	7.55
INC-T-MO-3.0MM-DUAL-*			3.0	0.46	2.53	0.56	15.40
INC-T-MO-4.5MM-DUAL-*			4.5	0.66	1.18	0.79	20.50
INC-T-MO-6.0MM-DUAL-*			6.0	0.94	0.66	1.02	30.85
304-E-MO-1.0MM-DUAL-*	E	304 Stainless Steel	1.0	0.15	49.0	0.13	6.40
304-E-MO-1.5MM-DUAL-*			1.5	0.25	20.0	0.25	6.40
304-E-MO-3.0MM-DUAL-*			3.0	0.46	5.11	0.56	7.55
304-E-MO-4.5MM-DUAL-*			4.5	0.66	3.02	0.79	12.95
304-E-MO-6.0MM-DUAL-*			6.0	0.94	1.57	1.02	20.50
INC-E-MO-1.0MM-DUAL-*	E	Inconel® 600	1.0	0.15	49.0	0.13	7.55
INC-E-MO-1.5MM-DUAL-*			1.5	0.25	20.0	0.25	7.55
INC-E-MO-3.0MM-DUAL-*			3.0	0.46	5.11	0.56	15.40
INC-E-MO-4.5MM-DUAL-*			4.5	0.66	3.02	0.79	20.50
INC-E-MO-6.0MM-DUAL-*			6.0	0.94	1.57	1.02	30.85

Dual Metric Pair Available in these sizes:

6.0 mm



4.5 mm



3.0 mm



1.5 mm



1.0 mm



New!

Custom Assemblies: Special sheathing, insulation and thermocouple alloys are available on special order. Consult Sales Department for price and delivery.

Important Ordering Note: OMEGACLAD® wire will be supplied to ±10% of specified length. Prices will be adjusted accordingly.

\*Specify length in meters (5 meters, minimum order). † For Type N, change "K" in model number to "N", no extra charge.

Notes: 1 inch = 25.4 mm, 1 mm = 0.0394 inches, 1 meter = 3.28 feet

For 310, 316 or 321 stainless steel sheath, change "304" in the Model Number to "310", "316" or "321"; no additional charge.

For SUPER OMEGACLAD® XL, change "304" in the Model Number to "XL"; consult Sales for price.

For Hastelloy-X, change "304" in the Model Number to "HASTX"; consult Sales for price.

For Special Limits of Error, add suffix "-SLE" to Model Number; add 20% to price.

For dual diagonal wire configuration, add "-DIA" to model number.

Ordering Examples: INC-K-MO-3.0MM-DUAL-DIA-10, 10 m of type K or N CHROMEAGA®-ALOMEGA® wire with Inconel 600 sheath, 3 mm in diameter, dual conductor, \$12.95 x 10 x 0.7 = \$90.65, 2.) 304-T-MO-6.0MM-DUAL-5, 5 m of type T OMEGACLAD® wire with 304 SS sheath, 6 mm in diameter, dual conductor \$20.50 x 5 x 0.9 = \$92.25

ALSO AVAILABLE WITH HIGH PURITY MAGNESIUM OXIDE (MgO)

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