

Metric Dual OMEGACLAD® Thermocouple Wire

1.0 to 6.0 mm Diameter

New! Type N Now Available with Inconel Sheath

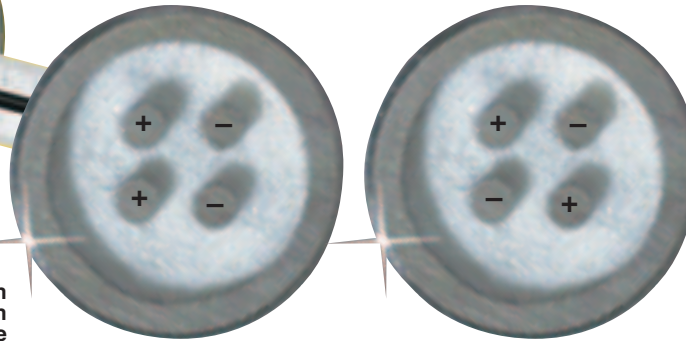


Available!

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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1-800-TC-OMEGA
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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters