

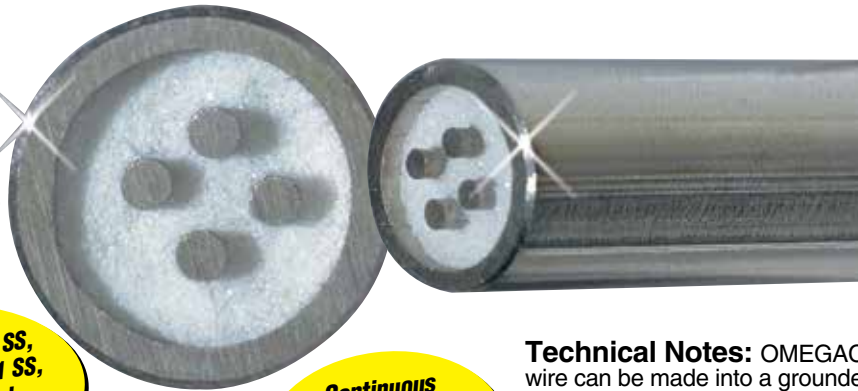
Dual OMEGACLAD™ Thermocouple Wire 0.040 to 0.250 inch Diameter



Available as
SUPER
OMEGACLAD™ XL
THERMOCOUPLE PROBES

Made with High Purity Magnesium Oxide (MgO)

Four-Wire Construction!



Shown larger than actual size.

Continuous Lengths Available! Consult Sales for Pricing and Availability

Discount Schedule		
Metric	Feet	Net
0 to 3 m	0 to 10'	
3.1 to 7.5 m	11 to 25'	10%
7.6 to 15 m	26 to 50'	25%
15.1 to 30 m	51 to 100'	30%

Consult sales on larger quantities.

Available with 304 SS, 310 SS, 316 SS, 321 SS, INCONEL 600 and Super OMEGACLAD™ XL Sheaths!

Technical Notes: OMEGACLAD™ wire can be made into a grounded junction probe and inserted into a pipe with compression fitting.

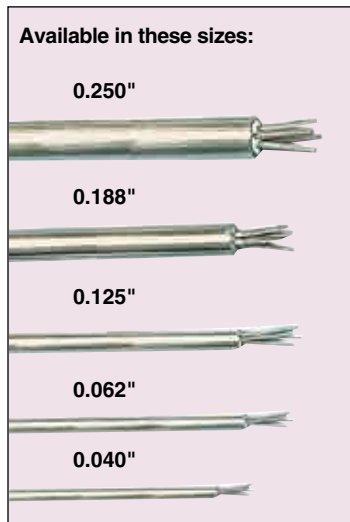
Insulation Compacted magnesium oxide is hygroscopic (absorbs moisture)

Type N Available with Inconel® Sheath

- Easily Bendable
- Durable
- Withstands Vibration
- Enables a Split Signal
- Can Be Welded
- High Temperature Applications
- Withstands Pressures
- Available from **STOCK!** Cut to Length or Long Continuous Lengths

OMEGACLAD™ dual pair wire can be made into a single probe that enables transmission of a "split signal". This double signal can be attached to a controller and chart recorder at the same time to monitor and control the same temperature location.

Model Number	Wire Calibration	Sheath Material	Sheath Diameter (inch)	Wall Thickness (inch)	Resistance at 60°F Ω/ Dbl. ft.	Wire Diameter (inch)	AWG Gage
304-J-MO-040-DUAL-(* 304-J-MO-062-DUAL-(* 304-J-MO-125-DUAL-(* 304-J-MO-188-DUAL-(* 304-J-MO-250-DUAL-(*	Iron-Constantan J	304 Stainless Steel	0.040	0.006	8.9	0.005	36
0.062			0.010	3.6	0.010	30	
0.125			0.018	0.88	0.020	24	
0.188			0.025	0.36	0.032	20	
0.250			0.036	0.22	0.040	18	
INC-J-MO-040-DUAL-(* INC-J-MO-062-DUAL-(* INC-J-MO-125-DUAL-(* INC-J-MO-188-DUAL-(* INC-J-MO-250-DUAL-(*	Iron-Constantan J	Inconel 600	0.040	0.006	8.9	0.005	36
0.062			0.010	3.6	0.010	30	
0.125			0.018	0.88	0.020	24	
0.188			0.025	0.36	0.032	20	
0.250			0.036	0.22	0.040	18	
304-K-MO-040-DUAL-(* 304-K-MO-062-DUAL-(* 304-K-MO-125-DUAL-(* 304-K-MO-188-DUAL-(* 304-K-MO-250-DUAL-(*	CHROMEGLA™-ALOMEGA™ K	304 Stainless Steel	0.040	0.006	15.0	0.005	36
0.062			0.010	6.0	0.010	30	
0.125			0.018	1.5	0.020	24	
0.188			0.025	0.59	0.032	20	
0.250			0.036	0.37	0.040	18	
INC-K-MO-040-DUAL-(* INC-K-MO-062-DUAL-(* INC-K-MO-125-DUAL-(* INC-K-MO-188-DUAL-(* INC-K-MO-250-DUAL-(*	CHROMEGLA™-ALOMEGA™ K or N †	Inconel 600	0.040	0.006	15.0	0.005	36
0.062			0.010	6.0	0.010	30	
0.125			0.018	1.5	0.020	24	
0.188			0.025	0.59	0.032	20	
0.250			0.036	0.37	0.040	18	
304-T-MO-040-DUAL-(* 304-T-MO-062-DUAL-(* 304-T-MO-125-DUAL-(* 304-T-MO-188-DUAL-(* 304-T-MO-250-DUAL-(*	Copper-Copper-Constantan T	304 Stainless Steel	0.040	0.006	7.7	0.005	36
0.062			0.010	3.0	0.010	30	
0.125			0.018	0.75	0.020	24	
0.188			0.025	0.298	0.032	20	
0.250			0.036	0.19	0.040	18	
INC-T-MO-040-DUAL-(* INC-T-MO-062-DUAL-(* INC-T-MO-125-DUAL-(* INC-T-MO-188-DUAL-(* INC-T-MO-250-DUAL-(*	Copper-Constantan T	Inconel 600	0.040	0.006	7.7	0.005	36
0.062			0.010	3.04	0.010	30	
0.125			0.018	0.75	0.020	24	
0.188			0.025	0.19	0.032	20	
0.250			0.036	0.19	0.040	18	
304-E-MO-040-DUAL-(* 304-E-MO-062-DUAL-(* 304-E-MO-125-DUAL-(* 304-E-MO-188-DUAL-(* 304-E-MO-250-DUAL-(*	CHROMEGLA™-ALOMEGA™ E	304 Stainless Steel	0.040	0.006	18.0	0.005	36
0.062			0.010	7.17	0.010	30	
0.125			0.018	1.78	0.020	24	
0.188			0.025	0.71	0.032	20	
0.250			0.036	0.45	0.040	18	
INC-E-MO-040-DUAL-(* INC-E-MO-062-DUAL-(* INC-E-MO-125-DUAL-(* INC-E-MO-188-DUAL-(* INC-E-MO-250-DUAL-(*	CHROMEGLA™-ALOMEGA™ E	Inconel 600	0.040	0.006	18.0	0.005	36
0.062			0.010	7.17	0.010	30	
0.125			0.018	1.78	0.020	24	
0.188			0.025	0.71	0.032	20	
0.250			0.036	0.45	0.040	18	



* Specify length in feet. 5' minimum order. †For Type N, change a "K" in model number to "N", no extra charge. For 310, 316 or 321 stainless steel sheath, change "304" in the model number to "310", "316" or "321"; no additional cost.

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.

Ordering Examples: INC-K-MO-125-DUAL-25, Inconel 600 sheath, Type K or N wire, CHROMEGLA™-ALOMEGA™ Insulation, 0.125" cable OD, 25'.

321-K-MO-125-DUAL-25, 321 SS sheath, Type K wire, MgO Insulation, 0.125" cable OD, dual conductor.