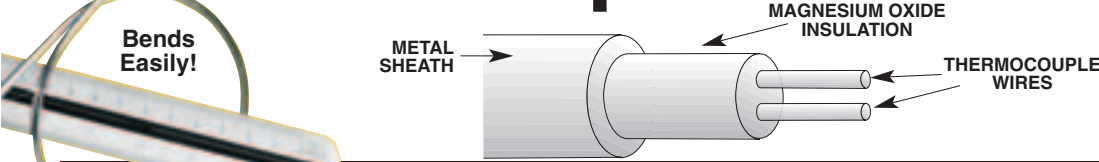


# Metric OMEGACLAD™ Thermocouple Wire

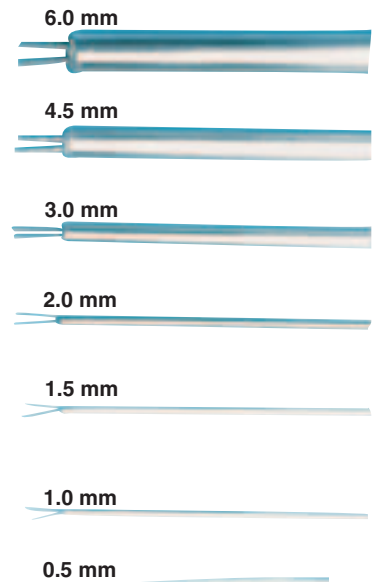
Available With  
**304SS, 310SS, 316SS,  
 321SS, INCONEL 600,  
 Hastelloy-X and  
 Super OMEGACLAD™ XL  
 Sheaths!**



SINGLE PAIR METRIC OMEGACLAD WIRE							
Model Number	Wire Calibration	Sheath Material	Sheath Diameter	Wall Thickness	Resistance 15.5°C Ohm/ dbl. metre	Wire Diameter	
			mm	mm		mm	
304-J-MO-0.25MM-(* 304-J-MO-0.5MM-(* 304-J-MO-1.0MM-(* 304-J-MO-1.5MM-(* 304-J-MO-2.0MM-(* 304-J-MO-3.0MM-(* 304-J-MO-4.5MM-(* 304-J-MO-6.0MM-(*	Iron-Constantan <b>J</b>	304 Stainless Steel	0.25	0.038	1181	0.038	
0.5			0.076	29.64	0.089		
1.0			0.152	8.00	0.178		
1.5			0.254	3.81	0.254		
2.0			0.305	2.13	0.356		
3.0			0.457	1.38	0.559		
4.5			0.660	0.45	0.787		
6.0			0.940	0.25	1.016		
INC-J-MO-0.5MM-(* INC-J-MO-0.75MM-(* INC-J-MO-1.0MM-(* INC-J-MO-1.5MM-(* INC-J-MO-2.0MM-(* INC-J-MO-3.0MM-(* INC-J-MO-4.5MM-(* INC-J-MO-6.0MM-(*	Iron-Constantan <b>J</b>	Inconel™ 600	0.5	0.076	29.64	0.089	
0.75			0.127	46	0.127		
1.0			0.152	8.00	0.178		
1.5			0.254	3.81	0.254		
2.0			0.305	2.13	0.356		
3.0			0.457	1.38	0.559		
4.5			0.660	0.45	0.787		
6.0			0.940	0.25	1.016		
304-K-MO-0.25MM-(* 304-K-MO-0.5MM-(* 304-K-MO-0.75MM-(* 304-K-MO-1.0MM-(* 304-K-MO-1.5MM-(* 304-K-MO-2.0MM-(* 304-K-MO-3.0MM-(* 304-K-MO-4.5MM-(* 304-K-MO-6.0MM-(*	CHROMEGLA™-ALOMEGA™ <b>K</b>	304 Stainless Steel	0.25	0.038	1968	0.038	
0.5			0.076	52.57	0.089		
0.75			0.127	79	0.127		
1.0			0.152	13.23	0.178		
1.5			0.254	5.82	0.254		
2.0			0.305	3.28	0.356		
3.0			0.457	1.47	0.559		
4.5			0.660	0.66	0.787		
6.0			0.940	0.38	1.016		
INC-K-MO-0.25MM-(* INC-K-MO-0.5MM-(* INC-K-MO-1.0MM-(* INC-K-MO-1.5MM-(* INC-K-MO-2.0MM-(* INC-K-MO-3.0MM-(* INC-K-MO-4.5MM-(* INC-K-MO-6.0MM-(*	CHROMEGLA™-ALOMEGA™ <b>K</b>	Inconel™ 600	0.25	0.038	1968	0.038	
0.5			0.076	52.57	0.089		
1.0			0.152	13.23	0.178		
1.5			0.254	5.82	0.254		
2.0			0.305	3.28	0.356		
3.0			0.457	1.47	0.559		
4.5			0.660	0.66	0.787		
6.0			0.940	0.38	1.016		
304-T-MO-0.25MM-(* 304-T-MO-0.5MM-(* 304-T-MO-1.0MM-(* 304-T-MO-0.75MM-(* 304-T-MO-1.5MM-(* 304-T-MO-2.0MM-(* 304-T-MO-3.0MM-(* 304-T-MO-4.5MM-(* 304-T-MO-6.0MM-(*	Copper-Constantan <b>T</b>	304 Stainless Steel	0.25	0.038	1043	0.038	
0.5			0.076	20.85	0.089		
1.0			0.152	7.43	0.178		
0.75			0.127	39	0.127		
1.5			0.254	3.03	0.254		
2.0			0.305	1.67	0.356		
3.0			0.457	0.77	0.559		
4.5			0.660	0.36	0.787		
6.0			0.940	0.20	1.016		
INC-T-MO-0.5MM-(* INC-T-MO-0.75MM-(* INC-T-MO-1.0MM-(* INC-T-MO-1.5MM-(* INC-T-MO-2.0MM-(* INC-T-MO-3.0MM-(* INC-T-MO-4.5MM-(* INC-T-MO-6.0MM-(*	Copper-Constantan <b>T</b>	Inconel™ 600	0.5	0.076	20.85	0.089	
0.75			0.127	39	0.127		
1.0			0.152	7.43	0.178		
1.5			0.254	3.03	0.254		
2.0			0.305	1.67	0.356		
3.0			0.457	0.77	0.559		
4.5			0.660	0.36	0.787		
6.0			0.940	0.20	1.016		
304-E-MO-0.25MM-(* 304-E-MO-0.5MM-(* 304-E-MO-0.75MM-(* 304-E-MO-1.0MM-(* 304-E-MO-1.5MM-(* 304-E-MO-2.0MM-(* 304-E-MO-3.0MM-(* 304-E-MO-4.5MM-(* 304-E-MO-6.0MM-(*	CHROMEGLA™-Constantan <b>E</b>	304 Stainless Steel	0.25	0.038	2352	0.038	
0.5			0.076	57.64	0.089		
0.75			0.127	95	0.127		
1.0			0.152	14.53	0.178		
1.5			0.254	6.12	0.254		
2.0			0.305	3.54	0.356		
3.0			0.457	1.56	0.559		
4.5			0.660	0.92	0.787		
6.0			0.940	0.48	1.016		
INC-E-MO-0.25MM-(* INC-E-MO-0.5MM-(* INC-E-MO-1.0MM-(* INC-E-MO-0.75MM-(* INC-E-MO-1.5MM-(* INC-E-MO-2.0MM-(* INC-E-MO-3.0MM-(* INC-E-MO-4.5MM-(* INC-E-MO-6.0MM-(*	CHROMEGLA™-Constantan <b>E</b>	Inconel™ 600	0.25	0.038	2352	0.038	
0.5			0.076	57.64	0.089		
1.0			0.152	14.53	0.178		
0.75			0.127	95	0.127		
1.5			0.254	6.12	0.254		
2.0			0.305	3.54	0.356		
3.0			0.457	1.56	0.559		
4.5			0.660	0.92	0.787		
6.0			0.940	0.48	1.016		

Discount Schedule	
Diameter 1.5 mm & above	
0 to 3 m	.....Net
4 to 8 m	.....10%
9 to 14 m	.....25%
15 to 29 m	.....30%
30 to 149 m	.....35%
150 to 299 m	.....40%
300 m and up	.....45%
Diameter 1 mm & below	
0 to 9 m	.....Net
10 to 29 m	.....6%
30 to 74 m	.....7%
75 m and up	.....10%

### Single Metric Pair



**Technical Notes:**  
 Compacted magnesium oxide is hygroscopic (absorbs moisture)

**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.

**ALSO AVAILABLE  
 WITH HIGH PURITY  
 MAGNESIUM  
 OXIDE (MgO)**

\*Specify length in metres (2 metres, minimum order). 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™, change "304" in the Model Number to "SUP"; 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 the Model Number; add 20% to price. **Ordering Examples:** 321-J-MO-2.0MM-10, 10 metres of type J OMEGACLAD™ wire with 321 stainless steel sheath, 2 mm in diameter sheath, 6 mm in diameter