

Dual Element Thermocouple Assemblies

With Miniature Size Connector

- ✓ 150 mm (6") Length Standard
- ✓ 1.5 or 3 mm (0.062 or 0.125") Diameter
- ✓ 304, 310, 316, 321 SS, Inconel® or Super OMEGA CLAD® XL Sheath
- ✓ Dual Miniature Connectors - Mating Connectors with Cable Clamp Included

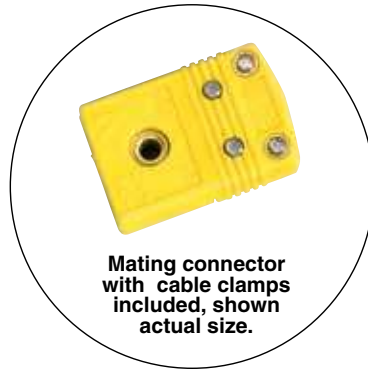


Shown actual size.

Applications

- ✓ Two Sensor Readings
- ✓ Allows Two Readings
- ✓ Continuous Monitor and Control
- ✓ Built-In Backup

NEWPORT® miniature dual element thermocouple probe assemblies are manufactured using 4-conductor OMEGA CLAD® wire, and feature SMP subminiature connectors for fast hook-up. 304 stainless steel sheaths are standard, with either 1.5 mm (0.062") or 3 mm 0.125" OD Junctions are either grounded, ungrounded or exposed. Mating connectors with cable clamps are included. Standard length is 150 mm (6"), with other lengths available.



Mating connector with cable clamps included, shown actual size.

To Order Visit newportUS.com/sicss-dual for Pricing and Details

Thermocouple Alloy	Sheath Dia. mm (inch)	Grounded Junction	Ungrounded Junction	Exposed Junction
IRON-CONSTANTAN 304 SS Sheath J	1.5 (0.062") 3.0 (0.125")	SICSS-062G-6-DUAL SICSS-125G-6-DUAL	SICSS-062U-6-DUAL SICSS-125U-6-DUAL	SICSS-062E-6 DUAL SICSS-125E-6-DUAL
CHROMEGA®-ALOMEGA® 304 SS Sheath *K	1.5 (0.062") 3.0 (0.125")	SCASS-062G-6-DUAL SCASS-125G-6-DUAL	SCASS-062U-6-DUAL SCASS-125U-6-DUAL	SCASS-062E-6-DUAL SCASS-125E-6-DUAL
CHROMEGA®-CONSTANTAN 304 SS Sheath E	1.5 (0.062") 3.0 (0.125")	SCXSS-062G-6-DUAL SCXSS-125G-6-DUAL	SCXSS-062U-6-DUAL SCXSS-125U-6-DUAL	SCXSS-062E-6-DUAL SCXSS-125E-6-DUAL
COPPER-CONSTANTAN 304 SS Sheath T	1.5 (0.062") 3.0 (0.125")	SCPSS-062G-6-DUAL SCPSS-125G-6-DUAL	SCPSS-062U-6-DUAL SCPSS-125U-6-DUAL	SCPSS-062E-6-DUAL SCPSS-125E-6-DUAL

Note: Miniature glass filled nylon connectors rated to 220°C (425°F) are standard. Higher temperature liquid crystal polymers connectors rated 260°C (500°F) are also available. Add **-LCP** to model number for additional cost.

Consult Sales for availability of 0.040" Dia. dual element probes. To order with 310, 316 or 321 stainless steel sheath, change "SS" in model number to **"310SS"**, **"316SS"** or **"321SS"** respectively, no extra cost. For Inconel, change "SS" in model number to **"IN"**, no extra cost.

* To order Super OMEGA CLAD® XL sheath, change "SS" in model number to **"XL"** for additional cost.

Ordering Example: SCASS-125U-6-DUAL, subminiature dual element probe, Type K, stainless steel sheath, ungrounded, 3 mm (0.125") Dia., 150 mm (6") long.