

RTD Elements with Lead Wires Attached

- ✓ Made From Class B, 100 Ω , 0.00385 Curve Elements
- ✓ 26 AWG Stranded Nickel-Plated Copper Leads, 1 m (40") Long
- ✓ 2-, 3- or 4-Wire Lead Configurations
- ✓ Most Common Assemblies Shown Below

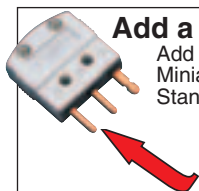


\$38
Basic Unit

All of OMEGA's RTD elements can be supplied with additional lead wire attached to existing leads. Longer leads create more flexibility for use in many applications. Standard termination is stripped lead wires. Connectors available, see Section G.

For additional specifications on the elements in this section (i.e., dimensions, accuracy, ohm value, etc.), visit www.omega.com

The size of the potted junction between lead wire and element is kept as small as possible. **Note:** These elements are not intended for direct immersion into liquids.



Add a 3-Pin Connector!

Add suffix and \$7 to model no.
Miniature Connector = "-MTP", shown
Standard Connector = "-OTP"

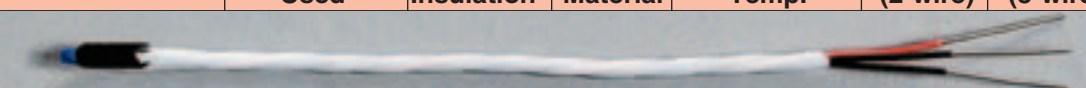
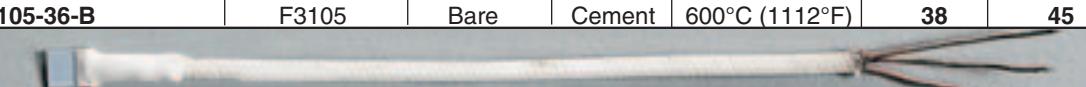
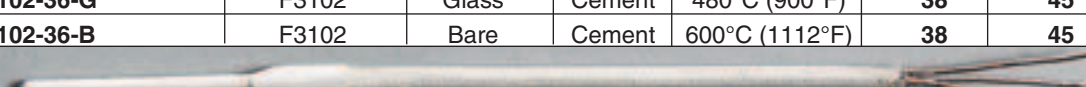
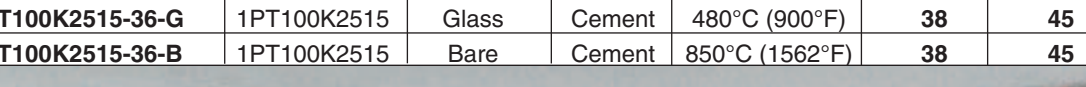
Red lead attaches to this pin for Style 2

Shown Actual Size



ALL MODELS AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

Model Number*	RTD Element Used	Lead Wire Insulation	Potting Material	Maximum Temp.	Price [†]		
					Style 1 (2-wire)	Style 2 (3-wire)	Style 3 (4-wire)
							
RTD-2-F3105-36-T	F3105	Teflon®	Epoxy	230°C (450°F)	\$38	\$45	\$49
RTD-2-F3105-36-G	F3105	Glass	Cement	480°C (900°F)	38	45	49
RTD-2-F3105-36-B	F3105	Bare	Cement	600°C (1112°F)	38	45	49
							
RTD-2-F3102-36-T	F3102	Teflon®	Epoxy	230°C (450°F)	38	45	49
RTD-2-F3102-36-G	F3102	Glass	Cement	480°C (900°F)	38	45	49
RTD-2-F3102-36-B	F3102	Bare	Cement	600°C (1112°F)	38	45	49
							
RTD-2-1PT100K2515-36-T	1PT100K2515	Teflon®	Epoxy	230°C (450°F)	38	45	49
RTD-2-1PT100K2515-36-G	1PT100K2515	Glass	Cement	480°C (900°F)	38	45	49
RTD-2-1PT100K2515-36-B	1PT100K2515	Bare	Cement	850°C (1562°F)	38	45	49
							
RTD-2-1PT100KN2528-36-T	1PT100K2528	Teflon®	Epoxy	230°C (450°F)	38	45	49
RTD-2-1PT100KN2528-36-G	1PT100K2528	Glass	Cement	480°C (900°F)	38	45	49
RTD-2-1PT100KN2528-36-B	1PT100K2528	Bare	Cement	600°C (1112°F)	38	45	49

***Note:** Style 2 is standard wire configuration. To order style 1 (2-wire), replace the "-2-" with "-1-" in the model number. To order style 3 (4-wire), replace the "-2-" with "-3-" in the model number. For longer leads, change the "36" in the model number to length desired and add \$2.25/ft (Styles 2 & 3) or \$1.40/ft (Style 1). Other RTD elements are also available with lead wire attached; consult Sales.

Terminations available: "-LUG", add \$4.50. For connectors, use suffix "-MTP" or "-OTP" and add \$7.

For additional information on connectors See Section G.

Ordering Examples: RTD-2-1PT100K2515-36-B, a 1PT100K2515 element with 40" leads attached, \$38.

RTD-3-1PT100K2515-48-G, a 1PT100K2515 element, style 3, with 48" of fiberglass insulated leads attached, \$51.25.

† Red lead for style 2 is indicated by red color of bare wire or insulation.



UNITED STATES

www.omega.com

1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca

Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de

Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk

Manchester, England
0800-488-488

FRANCE

www.omega.fr

Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz

Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl

Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• 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