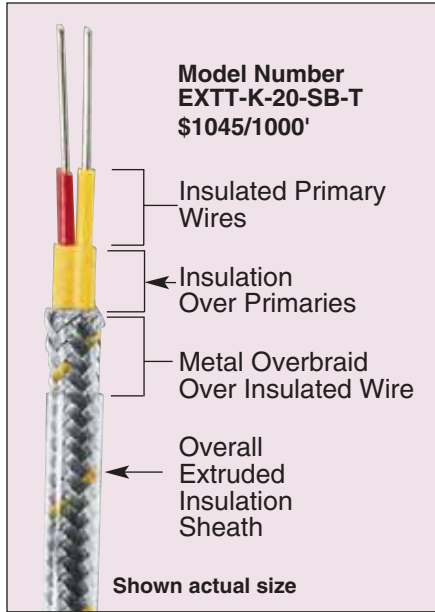


Heavy Duty Industrial Grade Thermocouple Wire Shielded Extension Cables



For Your Most Demanding Applications!



ALL MODELS AVAILABLE FOR FAST DELIVERY!

Polyvinyl Coated Wire with Tinned Copper Overbraid

| Model Number | Calibration | Nominal Size mm (inches) | AWG No.* |
|---|--|--|---|
| EXPP-J-14-TCB-P EXPP-J-16-TCB-P EXPP-J-16S-TCB-P EXPP-J-20-TCB-P EXPP-J-20S-TCB-P EXPP-J-24S-TCB-P | J Iron-Constantan | 5.1 x 7.4 (0.20 x 0.29) 4.8 x 6.7 (0.19 x 0.26) 4.8 x 6.9 (0.19 x 0.27) 4.1 x 5.5 (0.16 x 0.22) 4.1 x 5.6 (0.16 x 0.22) 4.0 x 5.1 (0.16 x 0.20) | 14 Solid 16 Solid 16 Stranded 20 Solid 20 Stranded 24 Stranded |
| EXPP-T-14-TCB-P EXPP-T-16-TCB-P EXPP-T-20-TCB-P EXPP-T-20S-TCB-P | T Copper Constantan | 5.1 x 7.4 (0.20 x 0.29) 4.8 x 6.7 (0.19 x 0.26) 4.1 x 5.5 (0.16 x 0.22) 4.1 x 5.6 (0.16 x 0.22) | 14 Solid 16 Solid 20 Solid 20 Stranded |
| EXPP-K-14-TCB-P EXPP-K-16-TCB-P EXPP-K-16S-TCB-P EXPP-K-20-TCB-P EXPP-K-20S-TCB-P EXPP-K-24S-TCB-P | K CHROME [®] GA-ALOMEGA [®] | 5.1 x 7.4 (0.20 x 0.29) 4.8 x 6.7 (0.19 x 0.26) 4.8 x 6.9 (0.19 x 0.27) 4.1 x 5.5 (0.16 x 0.22) 4.1 x 5.6 (0.16 x 0.22) 4.0 x 5.1 (0.16 x 0.20) | 14 Solid 16 Solid 16 Stranded 20 Solid 20 Stranded 24 Stranded |
| EXPP-E-16-TCB-P EXPP-E-20-TCB-P EXPP-E-24S-TCB-P | E CHROME [®] GA-Constantan | 4.8 x 6.7 (0.19 x 0.26) 4.1 x 5.5 (0.16 x 0.22) 4.0 x 5.1 (0.16 x 0.20) | 16 Solid 20 Solid 24 Stranded |

OMEGA[®] extension cables are designed for use in connecting a thermocouple probe to a readout or indicator. Made from extension grade thermocouple wire, J, K and E wire types are rated from 0 to 105°C (32 to 221°F) for the insulation. The range type T extension wire is rated from -60° to 100°C (-76 to 212°F). Used for a wide variety of applications, these cables are our standard construction PVC or PFA wire with a metal overbraid of tinned copper or stainless steel, and an overall outer jacket of PVC or PFA.

This construction add durability and assures long term abrasion resistance.

Use with OMEGA's Patented Low Noise Connectors

The thermocouple connector with a ground strap to work with shielded wire.

Shown smaller than actual size.



See pages G-5 to G-11

* See page H-8 for complete AWG dimensions

Ordering Example: EXPP-J-20S-TCB-P-1000, 1000' (300 m) of type J (Iron-Constantan), polyvinyl coated extension grade wire, 20 gage,

PFA Coated Wire with 304SS Overbraid

| Model Number | Calibration | Nominal Size mm (Inches) | AWG No.* |
|--|--|---|----------------------------------|
| EXTT-J-16-SB-T EXTT-J-20-SB-T EXTT-J-24-SB-T | J Iron-Constantan | 3.3 x 5.1 (0.13 x 0.20) 2.9 x 4.3 (0.12 x 0.17) 2.5 x 3.3 (0.10 x 0.13) | 16 Solid 20 Solid 24 Solid |
| EXTT-T-16-SB-T EXTT-T-20-SB-T EXTT-T-24-SB-T | T Copper Constantan | 3.3 x 5.1 (0.13 x 0.20) 2.9 x 4.3 (0.12 x 0.17) 2.5 x 3.3 (0.10 x 0.13) | 16 Solid 20 Solid 24 Solid |
| EXTT-K-16-SB-T EXTT-K-20-SB-T EXTT-K-24-SB-T | K CHROME [®] GA-ALOMEGA [®] | 3.3 x 5.1 (0.13 x 0.20) 2.9 x 4.3 (0.12 x 0.17) 2.5 x 3.3 (0.10 x 0.13) | 16 Solid 20 Solid 24 Solid |
| EXTT-E-16-SB-T EXTT-E-20-SB-T EXTT-E-24-SB-T | E CHROME [®] GA-Constantan | 3.3 x 5.1 (0.13 x 0.20) 2.9 x 4.3 (0.12 x 0.17) 2.5 x 3.3 (0.10 x 0.13) | 26 Solid 20 Solid 24 Solid |

* See page H-8 for complete AWG dimensions Ordering Example: EXTT-K-20-SB-T-1000, 1000' (300 m) of type K (CHROME[®]GA-ALOMEGA[®]), PFA coated extension grade wire, 20 gage, with stainless steel overbraid, To order quantities other than 1000', consult Sales.



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• 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

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• Data Acquisition

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• 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