

## Thermocouple &amp; RTD Wire

**Thermo-Trex® 2800 RTD Cable**

This product is intended for use in high temperature Resistance Temperature Detector (RTD) applications. This cable can withstand a maximum conductor temperature of 530°C / 1000°F. This RTD device cable works on a basic correlation between the metals and temperature in which a change in resistance of the detector element is calibrated and reported by temperature.

**Ratings**

600V

Max Conductor Temperature 530°C

Cold Temperature Rating -65°C

**Performance Characteristics**

✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

**Engineered to Resist**

High Temperature



Cold Temperature

**Features & Benefits****Finely Stranded Nickel-Plated Copper Conductors**

Fine stranding improves flex-life and reduces conductor fatigue and breakage. Nickel-plated conductors allow for high heat resistance.

**Mica/Glass Fiber Insulation**

Mica tape with fiberglass insulation is highly resistant to heat for long-term durability.

**Heavy-Duty 90% Coverage Nickel-Plated Copper Braid Shield**

Nickel-plated copper braid shield with flat drain wire and spiral-wrapped skived PTFE tape. Provides protection against EM and RF interference and a low impedance path to ground. Protects equipment and motor damage from electrical noise and "stray voltage".

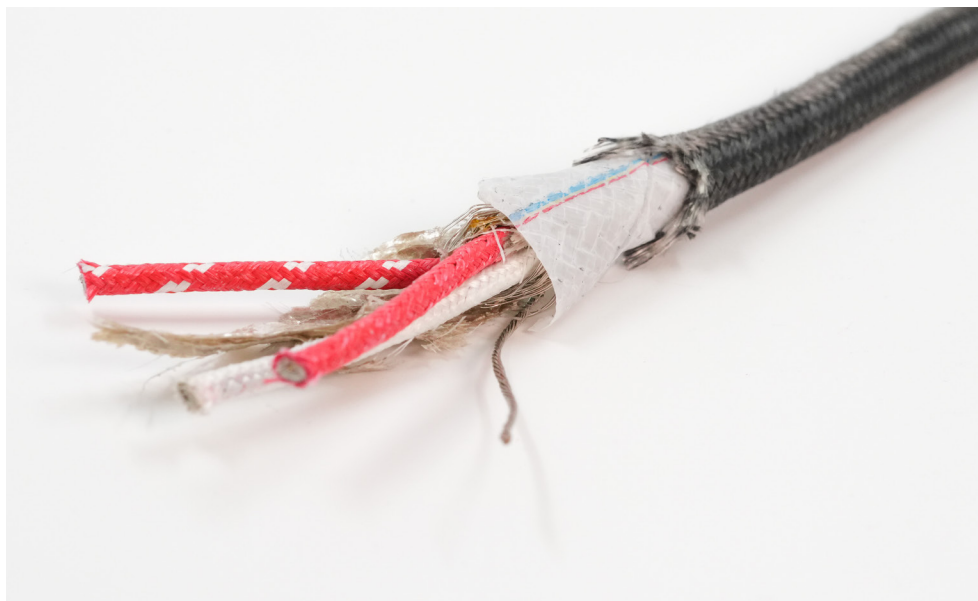
**Specially Designed Fiberglass Braid Jacket**

Braided fiberglass jacket impregnated with high-temp finishing compounds to prevent fraying. Provides first line defense against abrasion and high heat.

**Ordering Information**

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part No.	Configuration AWG/Cond	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland*
41250	18 AWG / 3 Conductor Triplet	0.350	96	55002

**Notes**

\*Grip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application.