

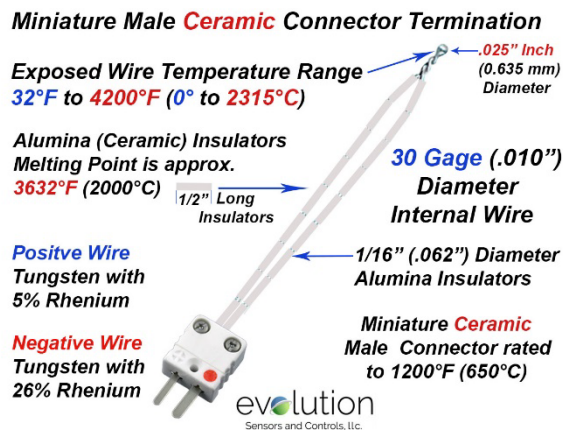
Part Number: C1X-WBWT-30G-EX-CB12-36-MCCX

Effective Date: Present Day

Product Description: Type C Exposed Thermocouple 12 Inch and Longer Designs with Individual Alumina (Ceramic) Insulators provide Flexibility and Miniature Male Ceramic Connector Termination. **Product shown below on the left.** **Accessory** product on the right.

Technical Note: Must be utilized in hydrogen, inert, or vacuum atmospheres to prevent failure from oxidation.

Type C Thermocouple 36" Inch Long Exposed Design with Individual Alumina Insulators provides Flexibility



Type C Extension Cable 5 ft Long Fiberglass Braid Insulated 24 Gage Solid Extension Wire with Miniature Female Ceramic Connector and Stripped End Terminations

Accurately Transfers Full Range of Type C Thermocouple Sensors
Fiberglass Insulation Rated to 900°F (482°C)
Ceramic Connector Rated to 1200°F (650°C)

5, 10, 25 ft and Longer Custom Lengths Available



Thermocouple: Type C (Positive Wire: 95% Tungsten, 5% Re) (Negative Wire: 74% Tungsten, 26% Re)	Thermocouple Grade Tungsten – Rhenium Alloy Millivolt Output per °C = 0.019 1000°C = 18.260 mV at 2000°C = 33.669 mV
Thermocouple Junction: Exposed	Fast Response Exposed Welded and Twisted Bead. Approx .025 Inches in Diameter and .250" (1/4") Long
Thermocouple Wire Diameter	.010" (.25 mm) Solid Wire (30 AWG Gage)
Probe Length: 2 to 36" or longer	36 Inches (3ft or 0.91 Meters)
Probe Diameter	1/16" (.0625" or 1.59 mm)
Probe Sheath Material: Alumina (Ceramic) insulators	1/2 (.500") in length 1/16" (.062") in diameter. Insulators rating 3632°F (2000°C). Design provides flexibility and insulates bare wires from each other.
Probe Junction Temperature Range	32 to 4200°F (0 to 2315°C)
Instrument Termination	Miniature Male Flat Pin Ceramic Thermocouple Connector Rated to 1200°F (650°C)
Color Coding	White Connector with Red Dot Near Negative Pin
RoHS Status	Compliant to RoHS 2 and 3 directives