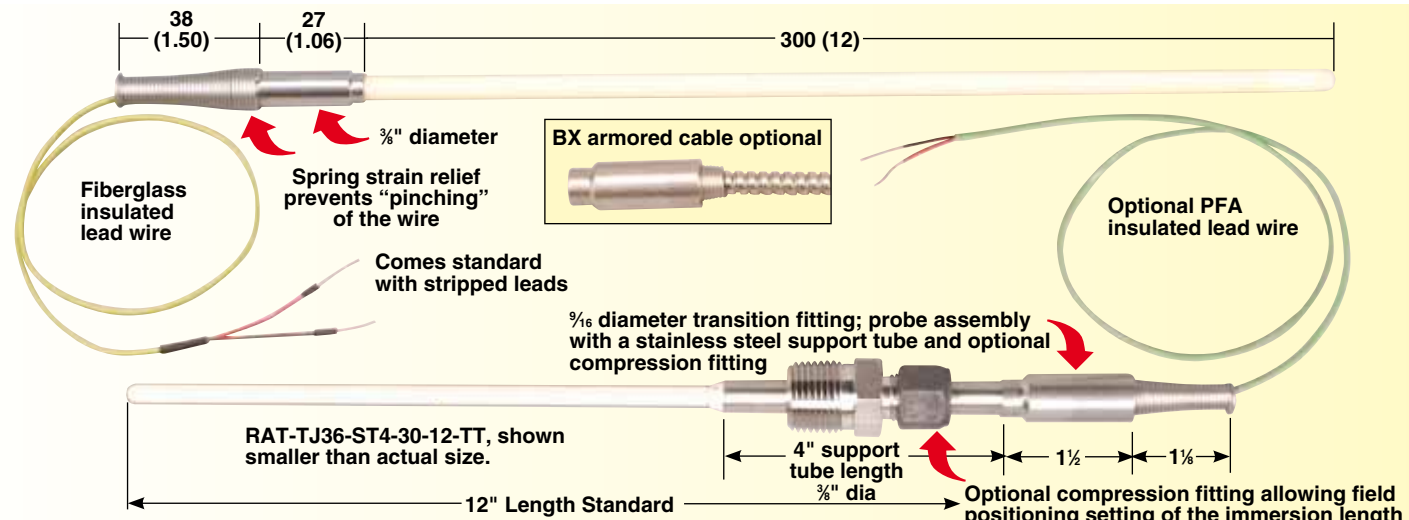


Rugged Transition Joint High-Temperature Platinum Assemblies and Ceramic Protection Tubes

Dimensions: mm (inch)

RAT-TJ36-30-12, shown smaller than actual size.



- ✓ NHX Standard Ceramic Connector Rated to 650°C (1200°F)
- ✓ HSTW Standard Connector Liquid Crystal Polymer Rated to 260°C (500°F)
- ✓ Up to 1650°C (3000°F) Rating
- ✓ Oxidizing or Reducing Atmospheres
- ✓ 1/4" Diameter High-Purity Alumina Protection Tube
- ✓ Standard Stripped Leads Termination
- ✓ 1m (40") 24 AWG (0.020") Solid Braided Fiberglass Insulated Lead Wire

Available Options

- ✓ NIST Traceable Calibration
- ✓ Custom Probe Lengths
- ✓ Thermocouple Connectors in lieu of Stripped End Leads
- ✓ Dual Element
- ✓ Special Lead Lengths
- ✓ Lead Wire Configuration

Type R, S, or B Platinum Thermocouple enclosed in a high purity alumina protection tube. Elements are insulated by a double bore high-purity hard-fired alumina insulator.

Optional compression fitting: select the appropriate mounting thread

Model No.	Description
SSLK-38-14	1/4 mounting thread
SSLK-38-38	3/8 mounting thread

To Order

Model No.	Thermocouple Calibration	AWG Wire Size
RAT-TJ36-30-12	Pt vs Pt 13% Rh	30
RAT-TJ36-24-12	Pt vs Pt 13% Rh	24
SAT-TJ36-30-12	Pt vs Pt 10% Rh	30
SAT-TJ36-24-12	Pt vs Pt 10% Rh	24
BAT-TJ36-30-12	Pt 6% Rh vs Pt 30% Rh	30
BAT-TJ36-24-12	Pt 6% Rh vs Pt 30% Rh	24

Probe assembly with a stainless steel support tube and optional compression fitting allows field positioning setting of the immersion length

Model No.	Thermocouple Calibration	AWG Wire Size
RAT-TJ36-ST4-30-12	Pt vs Pt 13% Rh	30
RAT-TJ36-ST4-24-12	Pt vs Pt 13% Rh	24
SAT-TJ36-ST4-30-12	Pt vs Pt 10% Rh	30
SAT-TJ36-ST4-24-12	Pt vs Pt 10% Rh	24
BAT-TJ36-ST4-30-12	Pt 6% Rh vs Pt 30% Rh	30
BAT-TJ36-ST4-24-12	Pt 6% Rh vs Pt 30% Rh	24

Wire batch certificate reports available at no charge upon request; add suffix **"-CERT"** to model number. To order other lead wire configurations or with lead wires over 1 m (40"): For SB or TTSB, add suffix **"-SB"** or **"-TTSB"** to model number for additional cost. For lead lengths over 36", change the **"36"** in the model number to desired length in inches for additional cost per additional foot to the 36" price. For BX or TTBX, add suffix **"-BX"** or **"-TTBX"** to model number for additional cost. For lead lengths over 36", change the **"36"** in the model number to desired length in inches for additional cost per additional foot to the 36" price. For TT, add suffix **"-TT"** to model number, no additional charge. For lead lengths over 36" standard braided fiberglass or TT, change the **"36"** in model number to desired length in inches for additional cost per additional foot to the 36" price. **Note:** Type B is 26 AWG stranded.

To order other terminations: For miniature flat pin SMPW male connector, add suffix **"-SMPW-M"** to model number for additional cost. For miniature flat pin SHX male ceramic connector, add suffix **"-SHX-M"** to model number for additional cost. For standard round pin OSTW male connector, add suffix **"-OSTW-M"** to model number for additional cost. For standard round pin male ceramic connector, add suffix **"-NHX-M"** to model number for additional cost.

Ordering Example: RAT-TJ120-30-18-TTBX-NHX-M, heavy duty transition joint high temperature probe, Type R, 120" stainless steel BX armored cable over PFA Insulated lead wire, 30 AWG (0.010"), 18" long high-purity alumina protection tube, standard ceramic connector cold-end termination with robust cable clamp attachment to the lead wire.