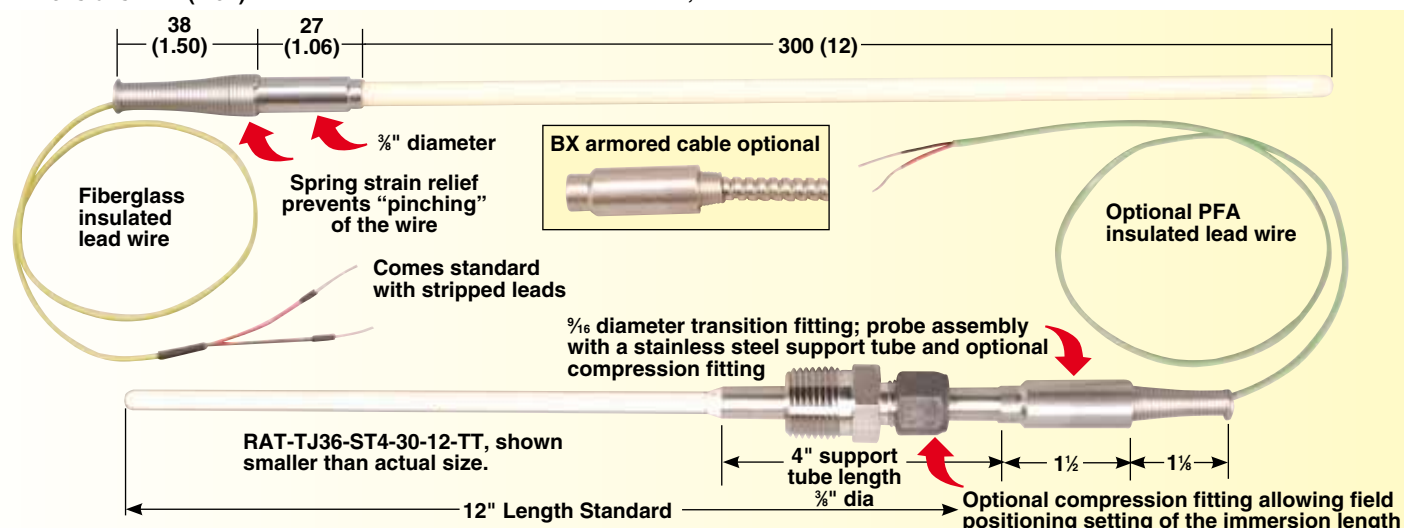


Rugged Transition Joint High-Temperature Platinum Assemblies and Ceramic Protection Tubes

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 TTSTB, add suffix "-SB" or "-TTSTB" 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.