



# Ready-Made Insulated Thermocouples

## 5SRTC/5LRTC Series 5-Pack

- ✓ Available from Stock in Convenient 5-Packs
- ✓ NIST Calibration Available
- ✓ PFA Insulated Wire has Max Service Temp of 260°C (500°F)
- ✓ Glass Braid Insulated Wire has Max Service Temp of 480°C (900°F)
- ✓ Kapton® Insulated Wire has Max Service Temp of 260°C (500°F)
- ✓ Available in 1 and 2 m (40 and 80") Lengths
- ✓ Max Service Temp for Connector Body 220°C (425°F)

**Custom Lengths, Insulations, and Configurations Available**

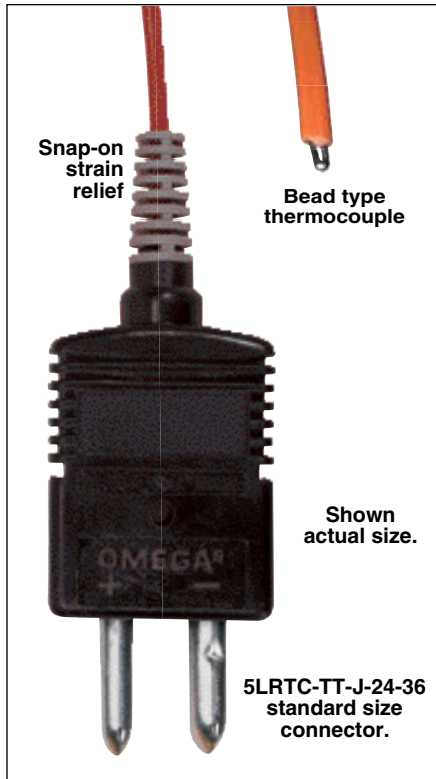


### Standard Size

**To Order** Visit [newportUS.com/5LRTC-5SRTC](http://newportUS.com/5LRTC-5SRTC) for Pricing and Details

Model Number ANSI Color Code	AWG Gage	Diameter mm (inch)	Insulation
5LRTC-GG-(*)-20-(**)	20	0.81 (0.032)	Glass Braid
5LRTC-GG-(*)-24-(**)	24	0.51 (0.020)	Glass Braid
5LRTC-TT-(*)-20-(**)	20	0.81 (0.030)	PFA
5LRTC-TT-(*)-24-(**)	24	0.51 (0.020)	PFA
5LRTC-KK-(*)-20-(**)	20	0.81 (0.032)	Kapton®
5LRTC-KK-(*)-24-(**)	24	0.51 (0.020)	Kapton®

\* Insert calibration J, K, T, or E. \*\* Specify length, insert "36" for 1 m or "72" for 2 m length.  
**Note:** Add cost per additional 300 mm (1') per package of 5 on GG or TT wire. On KK wire add cost per additional 300 mm (1') per package.  
**Ordering Example:** 5LRTC-TT-K-20-72, 5-pack of standard size thermocouples with 2 m (80") of 20 AWG PFA insulated wire.



### Miniature Size

Model Number ANSI Color Code	AWG Gage	Diameter mm (inch)	Insulation
5SRTC-GG-(*)-20-(**)	20	0.81 (0.032)	Glass Braid
5SRTC-GG-(*)-24-(**)	24	0.51 (0.020)	Glass Braid
5SRTC-GG-(*)-30-(**)	30	0.25 (0.010)	Glass Braid
5SRTC-TT-(*)-20-(**)	20	0.81 (0.032)	PFA
5SRTC-TT-(*)-24-(**)	24	0.51 (0.020)	PFA
5SRTC-TT-(*)-30-(**)	30	0.25 (0.010)	PFA
5SRTC-TT-(*)-36-(**)	36	0.13 (0.005)	PFA
5SRTC-TT-(*)-40-(**)	40	0.076 (0.003)	PFA
5SRTC-KK-(*)-20-(**)	20	0.81 (0.032)	Kapton®
5SRTC-KK-(*)-24-(**)	24	0.51 (0.020)	Kapton®
5SRTC-KK-(*)-30-(**)	30	0.25 (0.010)	Kapton®

\* Insert calibration J, K, T, or E. \*\* Specify length, insert "36" for 1 m or "72" for 2 m length.  
**Note:** Add cost per additional 300 mm (1') per package of 5 on GG or TT wire. On KK wire add cost per additional 1 foot per package.  
**Ordering Example:** 5SRTC-TT-K-36-72, 5-pack of Type K thermocouples with 2 m (80") of 36 AWG PFA insulated wire and a molded mini connector with snap-on strain relief.

Custom Lengths,  
Insulations, and  
Configurations  
Available!

# Ready-Made Insulated Thermocouples

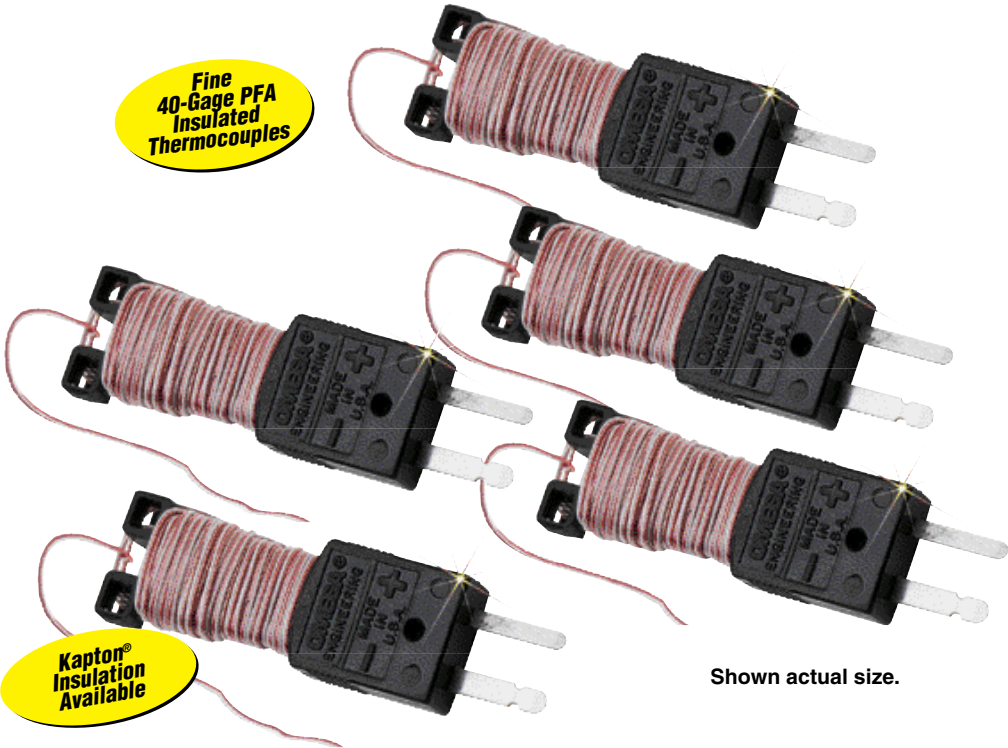
## with Standard or Miniature Size Spool Caddies

5SC/5LSC  
5-Pack



- ✓ Available from Stock in Convenient 5-Packs
- ✓ NIST Calibration Available
- ✓ Type J, K, T, and E Thermocouples
- ✓ Glass Braid Insulation Has Max Service Temp of 480°C (900°F)
- ✓ PFA Insulation Has Max Service Temp of 260°C (500°F)
- ✓ Kapton® Insulation Has Max Service Temp of 260°C (500°F)
- ✓ Stocked in 1 and 2 m (40 and 80") Lengths†
- ✓ Max Service Temp for Connector Body and Spool Caddy: 220°C (425°F)

Fine  
40-Gage PFA  
Insulated  
Thermocouples



Kapton®  
Insulation  
Available

Shown actual size.

### Mini SMP Spool Caddy Thermocouples

To Order			
Model Number** ANSI Color Code	AWG Gage	Diameter mm (inch)	Insulation
5SC-GG-(*)-30-(**)	30	0.25 (0.010)	Glass Braid
5SC-TT-(*)-30-(**)	30	0.25 (0.010)	PFA
5SC-TT-(*)-36-(**)	36	0.13 (0.005)	PFA
5SC-TT-(*)-40-(**)	40	0.076 (0.003)	PFA
5SC-KK-(*)-30-(**)	30	0.25 (0.010)	Kapton®

### Standard OST Spool Caddy Thermocouples

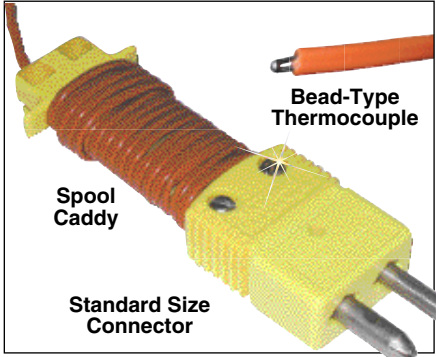
Model Number ANSI Color Code	AWG Gage	Diameter mm (inch)	Insulation
5LSC-GG-(*)-20-(**)	20	0.81 (0.032)	Glass Braid
5LSC-GG-(*)-24-(**)	24	0.51 (0.020)	Glass Braid
5LSC-TT-(*)-20-(**)	20	0.81 (0.030)	PFA
5LSC-TT-(*)-24-(**)	24	0.51 (0.020)	PFA
5LSC-KK-(*)-20-(**)	20	0.81 (0.032)	Kapton®
5LSC-KK-(*)-24-(**)	24	0.51 (0.020)	Kapton®

\* Insert calibration J, K, T or E. \*\* Specify length: insert "36" for 1 m or "72" for 2 m length.  
† Consult Sales for additional lengths.

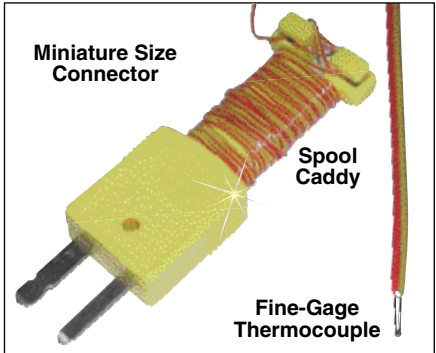
**Note:** Add cost per additional 300 mm (1') per package of 5 for GG or TT wire.  
For KK wire add cost per additional 300 mm (1') per package.

**Ordering Examples:** 5SC-TT-K-36-72, 5-pack of Type K mini SMP spool caddy thermocouples with 2 m (80") 36 AWG PFA insulated wire.

5LSC-GG-K-20-72, 5-pack of Type K standard size spool caddy thermocouples with 2 m (80") 20 AWG glass braid insulated wire.



Spool caddy provides a convenient way to store thermocouples.



Both connectors shown smaller than actual size.