

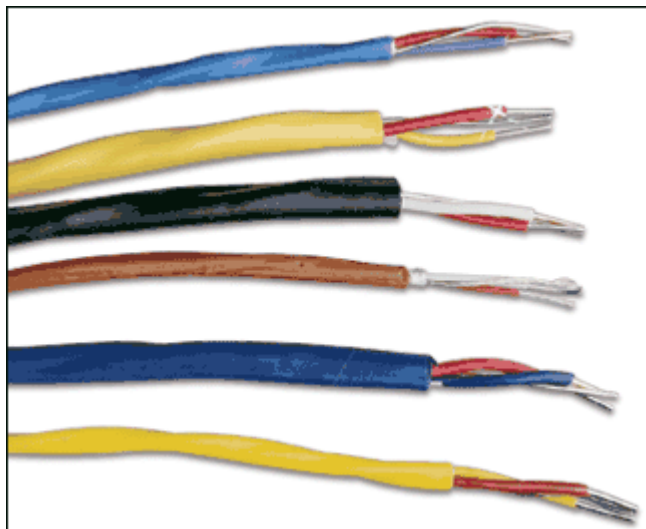
Twisted/Shielded Thermocouple Wire

TWSH

Features

- ✓ Maintains Electrical Ground from Probe Sheath to Instrument
- ✓ Polyvinyl and PFA/FEP Insulations Available
- ✓ Complements NEWPORT® Low Noise Thermocouple Probes and Connectors
- ✓ Extension and Thermocouple Grades
- ✓ Custom Wire Designs Available
- ✓ Consult Sales for Large Quantity Discounts

Wire is shielded and supplied with an integral drain wire.



Thermocouple Grade PFA Insulation

Thermocouple Calibration	Model #	Nominal Size	AWG No.
J	TT-J-20-TWSH	0.145	20
K	TT-K-20-TWSH	0.145	
T	TT-T-20-TWSH	0.145	
E	TT-E-20-TWSH	0.145	
J	TT-J-20S-TWSH	0.150	20S*
K	TT-K-20S-TWSH	0.150	
T	TT-T-20S-TWSH	0.150	
E	TT-E-20S-TWSH	0.150	
J	TT-J-24-TWSH	0.105	24
K	TT-K-24-TWSH	0.105	
T	TT-T-24-TWSH	0.105	
E	TT-E-24-TWSH	0.105	
J	TT-J-24S-TWSH	0.115	24S*
K	TT-K-24S-TWSH	0.115	
T	TT-T-24S-TWSH	0.115	
E	TT-E-24S-TWSH	0.115	

Thermocouple Grade FEP Insulation

Thermocouple Calibration	Model #	Nominal Size	AWG No.
J	FF-J-20-TWSH	0.145	20
K	FF-K-20-TWSH	0.145	
T	FF-T-20-TWSH	0.145	
E	FF-E-20-TWSH	0.145	
J	FF-J-20S-TWSH	0.150	20S*
K	FF-K-20S-TWSH	0.150	
T	FF-T-20S-TWSH	0.150	
E	FF-E-20S-TWSH	0.150	

J	FF-J-24-TWSH	0.105	24
K	FF-K-24-TWSH	0.105	
T	FF-T-24-TWSH	0.105	
E	FF-E-24-TWSH	0.105	
J	FF-J-24S-TWSH	0.115	24S*
K	FF-K-24S-TWSH	0.115	
T	FF-T-24S-TWSH	0.115	
E	TT-E-24S-TWSH	0.115	

Extension Grade Polyvinyl Insulation

Thermocouple Calibration	Model #	Nominal Size	AWG No.
J	EXPP-J-16-TWSH	0.250	16
K	EXPP-K-16-TWSH	0.250	
T	EXPP-T-16-TWSH	0.250	
E	EXPP-E-16-TWSH	0.250	
J	EXPP-J-16S-TWSH	0.270	16S*
K	EXPP-K-16S-TWSH	0.270	
T	EXPP-T-16S-TWSH	0.270	
E	EXPP-E-16S-TWSH	0.270	
J	EXPP-J-20-TWSH	0.200	20
K	EXPP-K-20-TWSH	0.200	
T	EXPP-T-20-TWSH	0.200	
E	EXPP-E-20-TWSH	0.200	
J	EXPP-J-20S-TWSH	0.215	20S*
K	EXPP-K-20S-TWSH	0.215	
T	EXPP-T-20S-TWSH	0.215	
E	EXPP-E-20S-TWSH	0.215	

Extension Grade FEP Insulation

Thermocouple Calibration	Model #	Nominal Size	AWG No.
J	EXFF-J-16-TWSH	0.170	16
K	EXFF-K-16-TWSH	0.170	
T	EXFF-T-16-TWSH	0.170	
E	EXFF-E-16-TWSH	0.170	
J	EXFF-J-16S-TWSH	0.180	16S*
K	EXFF-K-16S-TWSH	0.180	
T	EXFF-T-16S-TWSH	0.180	
E	EXFF-E-16S-TWSH	0.180	
J	EXFF-J-20-TWSH	0.145	20
K	EXFF-K-20-TWSH	0.145	
T	EXFF-T-20-TWSH	0.145	
E	EXFF-E-20-TWSH	0.145	
J	EXFF-J-20S-TWSH	0.150	20S*
K	EXFF-K-20S-TWSH	0.150	
T	EXFF-T-20S-TWSH	0.150	
E	EXFF-E-20S-TWSH	0.150	

Note: PFA Insulation also available. Change FF in model Number to TT. **Example:** EXTT-J-16-TWSH.

*Stranded Wire

Extension grade wire also available in R and S calibrations.

Note: Minimum bending radius is 4 times the nominal diameter.

Part Number	Description
TT-K-24-TWSH-50	Thermocouple Grade PFA Insulation, Type K, 50 Ft.
TT-J-20-TWSH-100	Thermocouple Grade PFA Insulation, Type J, 100 Ft.
FF-K-24-TWSH-200	Thermocouple Grade FEP Insulation, Type K, 200 Ft.
EXPP-T-16S-TWSH-500	Extension Grade Polyvinyl Insulation, Type T, 500 Ft

Part Number Builder				
(1)	(2)	(3)	(4)	(5)
TT	- J	- 20	-TWSH-	25
Option Descriptions				
(1) Grade & Insulation				
<i>Select</i>				
TT for Thermocouple Grade PFA				
FF for Thermocouple Grade FEP				
EXPP for Extension Grade Polyvinyl Insulation				
EXFF for Extension Grade FEP Insulation				
(2) Themocouple Calibration				
<i>Select</i>				
J for Type J				
K for Type K				
T for Type T				
E for Type E				
RS for Type R/S (Extension Grade Only)				
(3) Gage				
<i>Select</i>				
20 for 20 AWG				
20S for 20 AWG Stranded				
24 for 24 AWG				
24S for 24 AWG Stranded				
16 for 16 AWG (Extension Grade Only)				
16S for 16 AWG (Extension Grade Only)				
(4) Special Limits of Error				
<i>Select</i>				
Nothing(leave field blank) for Standard				
SLE- for Special Limit of Error				
(5) Spool Length				
<i>Select</i>				
25 for 25 Ft.				
50 for 50 Ft.				
100 for 100 Ft.				
200 for 200 Ft.				
500 for 500 Ft.				
1000 for 1000 Ft.				
NOTE: All combinations may not be valid, check spec sheet for valid part numbers.				