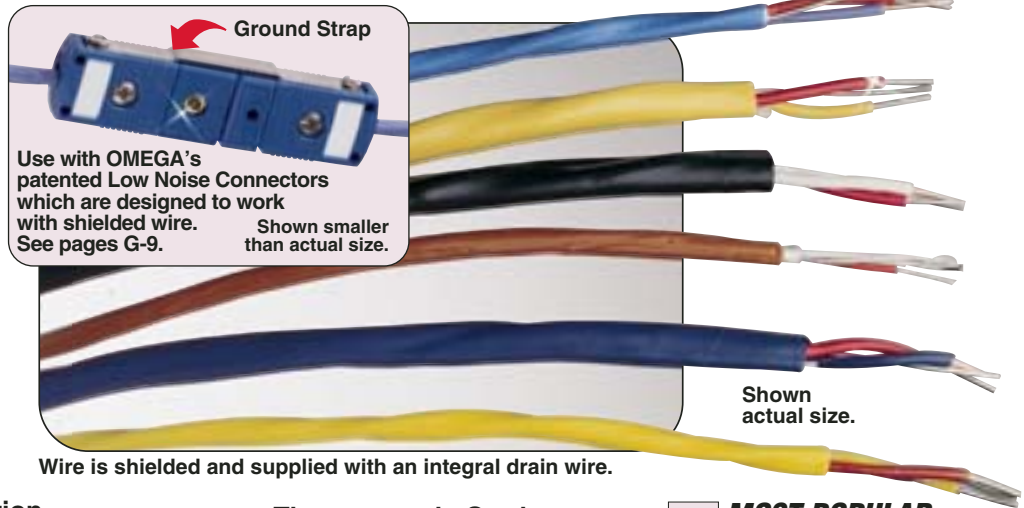


Twisted/Shielded Thermocouple Wire



ANSI color code shown To order IEC color code see omega.com

- ✓ Maintains Electrical Ground from Probe Sheath to Instrument
- ✓ Polyvinyl, FEP, and PFA Insulations Available
- ✓ Complements OMEGA® Low Noise Thermocouple Probes and Connectors
- ✓ Extension and Thermocouple Grades
- ✓ Custom Wire Designs Available
- ✓ 7.5 to 300 m (25 to 1000') Spools Available from Stock



Thermocouple Grade PFA Insulation

AWG†	Model Number ANSI Color Code	Nominal Size mm (in)	T/C Type	Price 1000'	Price SLE††
20	TT-J-20-TWSH	3.7 (0.15)	J	\$990	\$1140
	TT-K-20-TWSH	3.7 (0.15)	K	1140	1305
	TT-T-20-TWSH	3.7 (0.15)	T	975	1125
	TT-E-20-TWSH	3.7 (0.15)	E	1205	1385
20S*	TT-J-20S-TWSH	3.8 (0.15)	J	1190	1430
	TT-K-20S-TWSH	3.8 (0.15)	K	1365	1640
	TT-T-20S-TWSH	3.8 (0.15)	T	1170	1405
	TT-E-20S-TWSH	3.8 (0.15)	E	1445	1730
24	TT-J-24-TWSH	2.7 (0.11)	J	585	675
	TT-K-24-TWSH	2.7 (0.11)	K	685	785
	TT-T-24-TWSH	2.7 (0.11)	T	560	645
	TT-E-24-TWSH	2.7 (0.11)	E	720	830
24S*	TT-J-24S-TWSH	2.9 (0.12)	J	700	845
	TT-K-24S-TWSH	2.9 (0.12)	K	820	980
	TT-T-24S-TWSH	2.9 (0.12)	T	670	805
	TT-E-24S-TWSH	2.9 (0.12)	E	870	1045

Extension Grade Polyvinyl Insulation

AWG†	Model Number ANSI Color Code	Nominal Size mm (in)	T/C Type	Price 1000'	Price SLE††
16	EXPP-J-16-TWSH	6.4 (0.250)	J	\$590	\$680
	EXPP-K-16-TWSH	6.4 (0.250)	K	985	1130
	EXPP-T-16-TWSH	6.4 (0.250)	T	555	635
	EXPP-E-16-TWSH	6.4 (0.250)	E	1000	1150
16S*	EXPP-J-16S-TWSH	6.9 (0.270)	J	975	1170
	EXPP-K-16S-TWSH	6.9 (0.270)	K	1590	1910
	EXPP-T-16S-TWSH	6.9 (0.270)	T	930	1120
	EXPP-E-16S-TWSH	6.9 (0.270)	E	1615	1935
20	EXPP-J-20-TWSH	5.1 (0.200)	J	265	305
	EXPP-K-20-TWSH	5.1 (0.200)	K	415	480
	EXPP-T-20-TWSH	5.1 (0.200)	T	270	310
	EXPP-E-20-TWSH	5.1 (0.200)	E	435	500
20S*	EXPP-J-20S-TWSH	5.5 (0.215)	J	415	500
	EXPP-K-20S-TWSH	5.5 (0.215)	K	710	850
	EXPP-T-20S-TWSH	5.5 (0.215)	T	415	500
	EXPP-E-20S-TWSH	5.5 (0.215)	E	765	870

* Stranded wire. † Please see page H-7 for AWG dimensions
Extension grade wire also available in R and S calibrations.
Consult Sales Department for pricing information.

Note: Minimum bending radius is 4 times the nominal diameter

Note: Published prices are based on market value at time of printing and are subject to change due to Nickel surcharges, Chromium and precious-metal market fluctuations.

Thermocouple Grade FEP Insulation

MOST POPULAR MODELS HIGHLIGHTED!

AWG†	Model Number ANSI Color Code	Nominal Size mm (in)	T/C Type	Price 1000'	Price SLE††
20	FF-J-20-TWSH	3.7 (0.15)	J	\$750	\$860
	FF-K-20-TWSH	3.7 (0.15)	K	905	1040
	FF-T-20-TWSH	3.7 (0.15)	T	735	845
	FF-E-20-TWSH	3.7 (0.15)	E	930	1065
20S*	FF-J-20S-TWSH	3.8 (0.15)	J	895	1080
	FF-K-20S-TWSH	3.8 (0.15)	K	1090	1315
	FF-T-20S-TWSH	3.8 (0.15)	T	885	1060
	FF-E-20S-TWSH	3.8 (0.15)	E	1120	1340
24	FF-J-24-TWSH	2.7 (0.11)	J	440	505
	FF-K-24-TWSH	2.7 (0.11)	K	515	590
	FF-T-24-TWSH	2.7 (0.11)	T	425	490
	FF-E-24-TWSH	2.7 (0.11)	E	545	630
24S*	FF-J-24S-TWSH	2.9 (0.12)	J	535	635
	FF-K-24S-TWSH	2.9 (0.12)	K	620	740
	FF-T-24S-TWSH	2.9 (0.12)	T	505	610
	FF-E-24S-TWSH	2.9 (0.12)	E	655	785

PFA insulation also available.
Change "FF" in Model Number to "TT"
Example: EXTT-J-16-TWSH
Consult Sales for pricing.

Extension Grade FEP Insulation

AWG†	Model Number ANSI Color Code	Nominal Size mm (in)	T/C Type	Price 1000'	Price SLE††
16	EXFF-J-16-TWSH	4.3 (0.17)	J	\$1015	\$1170
	EXFF-K-16-TWSH	4.3 (0.17)	K	1910	2200
	EXFF-T-16-TWSH	4.3 (0.17)	T	960	1105
	EXFF-E-16-TWSH	4.3 (0.17)	E	1960	2255
16S*	EXFF-J-16S-TWSH	4.5 (0.18)	J	1220	1465
	EXFF-K-16S-TWSH	4.5 (0.18)	K	2290	2745
	EXFF-T-16S-TWSH	4.5 (0.18)	T	1155	1385
	EXFF-E-16S-TWSH	4.5 (0.18)	E	2350	2825
20	EXFF-J-20-TWSH	3.7 (0.15)	J	590	680
	EXFF-K-20-TWSH	3.7 (0.15)	K	765	885
	EXFF-T-20-TWSH	3.7 (0.15)	T	575	660
	EXFF-E-20-TWSH	3.7 (0.15)	E	785	905
20S*	EXFF-J-20S-TWSH	3.8 (0.15)	J	710	850
	EXFF-K-20S-TWSH	3.8 (0.15)	K	925	1105
	EXFF-T-20S-TWSH	3.8 (0.15)	T	710	850
	EXFF-E-20S-TWSH	3.8 (0.15)	E	950	1140

†† To order special limits of error wire, add "-SLE" to model number before of spool length. **Ordering Example:** FF-K-20S-TWSH-SLE-1000, 1000' of 20 gage twisted/shielded Type K Neoflon coated wire, \$1315.



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