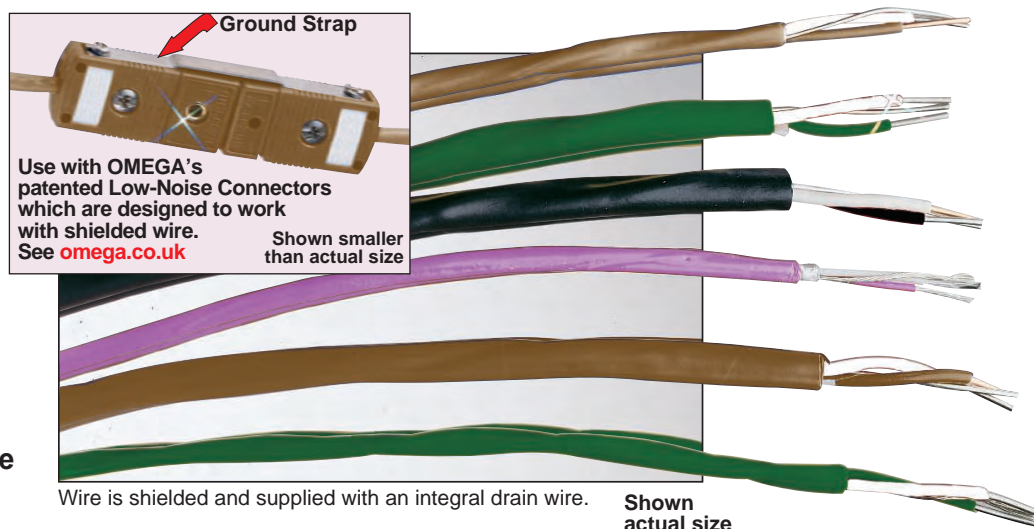


Twisted/Shielded Thermocouple Wire

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



Thermocouple Grade PFA Insulation

ALL MODELS AVAILABLE FOR FAST DELIVERY!

AWG†	Model Number IEC Colour Code	Conductor Dia mm	Nominal Size mm	T/C Type	Price 300 m	Price Class 1††
20	TT-JI-20-TWSH	0.81	3.7	J	£665	£765
	TT-KI-20-TWSH	0.81	3.7	K	765	875
	TT-TI-20-TWSH	0.81	3.7	T	655	755
	TT-EI-20-TWSH	0.81	3.7	E	805	930
20S*	TT-JI-20S-TWSH	7 X 0.32	3.8	J	795	960
	TT-KI-20S-TWSH	7 X 0.32	3.8	K	915	1100
	TT-TI-20S-TWSH	7 X 0.32	3.8	T	785	940
	TT-EI-20S-TWSH	7 X 0.32	3.8	E	970	1160
24	TT-JI-24-TWSH	0.51	2.7	J	392	452
	TT-KI-24-TWSH	0.51	2.7	K	459	525
	TT-TI-24-TWSH	0.51	2.7	T	375	432
	TT-EI-24-TWSH	0.51	2.7	E	482	555
24S*	TT-JI-24S-TWSH	7 X 0.2	2.9	J	469	565
	TT-KI-24S-TWSH	7 X 0.2	2.9	K	550	655
	TT-TI-24S-TWSH	7 X 0.2	2.9	T	449	540
	TT-EI-24S-TWSH	7 X 0.2	2.9	E	585	700

Thermocouple Grade FEP Insulation

AWG†	Model Number IEC Colour Code	Conductor Dia mm	Nominal Size mm	T/C Type	Price 300 m	Price Class 1††
20	FF-JI-20-TWSH	0.81	3.7	J	£505	£575
	FF-KI-20-TWSH	0.81	3.7	K	605	695
	FF-TI-20-TWSH	0.81	3.7	T	492	565
	FF-EI-20-TWSH	0.81	3.7	E	625	715
20S*	FF-JI-20S-TWSH	7 X 0.32	3.8	J	600	725
	FF-KI-20S-TWSH	7 X 0.32	3.8	K	730	880
	FF-TI-20S-TWSH	7 X 0.32	3.8	T	595	710
	FF-EI-20S-TWSH	7 X 0.32	3.8	E	750	900
24	FF-JI-24-TWSH	0.51	2.7	J	295	338
	FF-KI-24-TWSH	0.51	2.7	K	345	395
	FF-TI-24-TWSH	0.51	2.7	T	285	328
	FF-EI-24-TWSH	0.51	2.7	E	365	422
24S*	FF-JI-24S-TWSH	7 X 0.2	2.9	J	358	425
	FF-KI-24S-TWSH	7 X 0.2	2.9	K	415	496
	FF-TI-24S-TWSH	7 X 0.2	2.9	T	338	409
	FF-EI-24S-TWSH	7 X 0.2	2.9	E	439	525

Extension Grade Polyvinyl Insulation

AWG†	Model Number IEC Colour Code	Conductor Dia mm	Nominal Size mm	T/C Type	Price 300 m	Price Class 1††
16	EXPP-JI-16-TWSH	1.29	6.4	J	£395	£456
	EXPP-KI-16-TWSH	1.29	6.4	K	660	755
	EXPP-TI-16-TWSH	1.29	6.4	T	372	425
	EXPP-EI-16-TWSH	1.29	6.4	E	670	770
16S*	EXPP-JI-16S-TWSH	7 X 0.51	6.9	J	655	785
	EXPP-KI-16S-TWSH	7 X 0.51	6.9	K	1065	1280
	EXPP-TI-16S-TWSH	7 X 0.51	6.9	T	625	750
	EXPP-EI-16S-TWSH	7 X 0.51	6.9	E	1080	1295
20	EXPP-JI-20-TWSH	0.81	5.1	J	178	204
	EXPP-KI-20-TWSH	0.81	5.1	K	278	322
	EXPP-TI-20-TWSH	0.81	5.1	T	181	208
	EXPP-EI-20-TWSH	0.81	5.1	E	291	335
20S*	EXPP-JI-20S-TWSH	7 X 0.32	5.5	J	278	335
	EXPP-KI-20S-TWSH	7 X 0.32	5.5	K	476	570
	EXPP-TI-20S-TWSH	7 X 0.32	5.5	T	278	335
	EXPP-EI-20S-TWSH	7 X 0.32	5.5	E	515	585

* Stranded wire.
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.

Extension Grade FEP Insulation

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

AWG†	Model Number IEC Colour Code	Conductor Dia mm	Nominal Size mm	T/C Type	Price 300 m	Price Class 1††
16	EXFF-JI-16-TWSH	1.29	4.3	J	£680	£785
	EXFF-KI-16-TWSH	1.29	4.3	K	1280	1475
	EXFF-TI-16-TWSH	1.29	4.3	T	645	740
	EXFF-EI-16-TWSH	1.29	4.3	E	1315	1510
16S*	EXFF-JI-16S-TWSH	7 X 0.51	4.5	J	815	980
	EXFF-KI-16S-TWSH	7 X 0.51	4.5	K	1535	1840
	EXFF-TI-16S-TWSH	7 X 0.51	4.5	T	775	930
	EXFF-EI-16S-TWSH	7 X 0.51	4.5	E	1575	1895
20	EXFF-JI-20-TWSH	0.81	3.7	J	395	456
	EXFF-KI-20-TWSH	0.81	3.7	K	515	595
	EXFF-TI-20-TWSH	0.81	3.7	T	385	442
	EXFF-EI-20-TWSH	0.81	3.7	E	525	605
20S*	EXFF-JI-20S-TWSH	7 X 0.32	3.8	J	476	570
	EXFF-KI-20S-TWSH	7 X 0.32	3.8	K	620	740
	EXFF-TI-20S-TWSH	7 X 0.32	3.8	T	476	570
	EXFF-EI-20S-TWSH	7 X 0.32	3.8	E	635	765

†† To order class 1 tolerance wire, add "-SLE" to model number before reel length. Ordering Example: FF-KI-20S-TWSH-SLE-300M, 300 m of 7 X 0.32 gauge twisted/shielded Type K FEP coated wire, £880.

