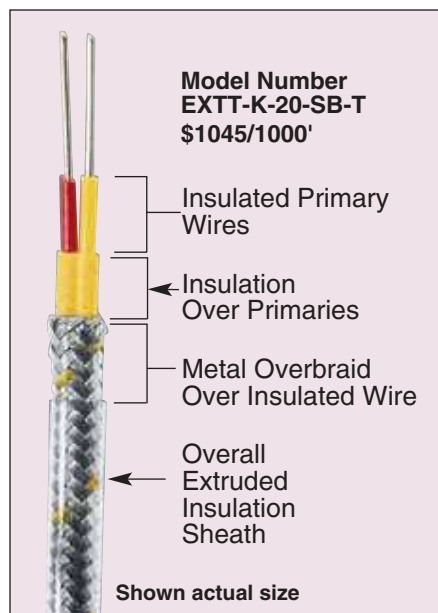


# Heavy Duty Industrial Grade Thermocouple Wire Shielded Extension Cables



**For Your Most  
Demanding  
Applications!**



NEWPORT® extension cables are designed for use in connecting a thermocouple probe to a readout or indicator. Made from extension grade thermocouple wire, J, K and E wire types are rated from 0 to 105°C (32 to 221°F) for the insulation. The range type T extension wire is rated from -60° to 100°C (-76 to 212°F). Used for a wide variety of applications, these cables are our standard construction PVC or PFA wire with a metal overbraid of tinned copper or stainless steel, and an overall outer jacket of PVC or PFA.

This construction add durability and assures long term abrasion resistance.

**Use with Patented  
Low Noise Connectors**

The thermocouple connector with a ground strap to work with shielded wire.

Shown smaller  
than actual size.



See pages G-5 to G-11

**ALL MODELS  
AVAILABLE FOR  
FAST DELIVERY!**

**Polyvinyl Coated Wire with Tinned Copper Overbraid**

Model Number	Price/ 1000'	Calibration	Nominal Size mm (inches)	AWG No.*
EXPP-J-14-TCB-P	\$970	<b>J</b> Iron- Constantan	5.1 x 7.4 (0.20 x 0.29)	14 Solid
EXPP-J-16-TCB-P	720		4.8 x 6.7 (0.19 x 0.26)	16 Solid
EXPP-J-16S-TCB-P	880		4.8 x 6.9 (0.19 x 0.27)	16 Stranded
EXPP-J-20-TCB-P	500		4.1 x 5.5 (0.16 x 0.22)	20 Solid
EXPP-J-20S-TCB-P	640		4.1 x 5.6 (0.16 x 0.22)	20 Stranded
EXPP-J-24S-TCB-P	560		4.0 x 5.1 (0.16 x 0.20)	24 Stranded
EXPP-T-14-TCB-P	995	<b>T</b> Copper Constantan	5.1 x 7.4 (0.20 x 0.29)	14 Solid
EXPP-T-16-TCB-P	740		4.8 x 6.7 (0.19 x 0.26)	16 Solid
EXPP-T-20-TCB-P	510		4.1 x 5.5 (0.16 x 0.22)	20 Solid
EXPP-T-20S-TCB-P	660		4.1 x 5.6 (0.16 x 0.22)	20 Stranded
EXPP-K-14-TCB-P	1270	<b>K</b> CHROMEGA®- ALOMEGA®	5.1 x 7.4 (0.20 x 0.29)	14 Solid
EXPP-K-16-TCB-P	900		4.8 x 6.7 (0.19 x 0.26)	16 Solid
EXPP-K-16S-TCB-P	1145		4.8 x 6.9 (0.19 x 0.27)	16 Stranded
EXPP-K-20-TCB-P	550		4.1 x 5.5 (0.16 x 0.22)	20 Solid
EXPP-K-20S-TCB-P	740		4.1 x 5.6 (0.16 x 0.22)	20 Stranded
EXPP-K-24S-TCB-P	640		4.0 x 5.1 (0.16 x 0.20)	24 Stranded
EXPP-E-16-TCB-P	1095	<b>E</b> CHROMEGA®- Constantan	4.8 x 6.7 (0.19 x 0.26)	16 Solid
EXPP-E-20-TCB-P	580		4.1 x 5.5 (0.16 x 0.22)	20 Solid
EXPP-E-24S-TCB-P	620		4.0 x 5.1 (0.16 x 0.20)	24 Stranded

\* See page H-8 for complete AWG dimensions

**Ordering Example:** EXPP-J-20S-TCB-P-1000, 1000' (300 m) of type J (Iron-Constantan), polyvinyl coated extension grade wire, 20 gage, \$640.

**PFA Coated Wire with 304SS Overbraid**

Model Number	Price/ 1000'	Calibration	Nominal Size mm (Inches)	AWG No.*
EXTT-J-16-SB-T	\$1385	<b>J</b> Iron- Constantan	3.3 x 5.1 (0.13 x 0.20)	16 Solid
EXTT-J-20-SB-T	935		2.9 x 4.3 (0.12 x 0.17)	20 Solid
EXTT-J-24-SB-T	750		2.5 x 3.3 (0.10 x 0.13)	24 Solid
EXTT-T-16-SB-T	1370	<b>T</b> Copper Constantan	3.3 x 5.1 (0.13 x 0.20)	16 Solid
EXTT-T-20-SB-T	925		2.9 x 4.3 (0.12 x 0.17)	20 Solid
EXTT-T-24-SB-T	750		2.5 x 3.3 (0.10 x 0.13)	24 Solid
EXTT-K-16-SB-T	1620	<b>K</b> CHROMEGA®- ALOMEGA®	3.3 x 5.1 (0.13 x 0.20)	16 Solid
EXTT-K-20-SB-T	1045		2.9 x 4.3 (0.12 x 0.17)	20 Solid
EXTT-K-24-SB-T	800		2.5 x 3.3 (0.10 x 0.13)	24 Solid
EXTT-E-16-SB-T	1620	<b>E</b> CHROMEGA®- Constantan	3.3 x 5.1 (0.13 x 0.20)	26 Solid
EXTT-E-20-SB-T	1045		2.9 x 4.3 (0.12 x 0.17)	20 Solid
EXTT-E-24-SB-T	905		2.5 x 3.3 (0.10 x 0.13)	24 Solid

\* See page H-8 for complete AWG dimensions **Ordering Example:** EXTT-K-20-SB-T-1000, 1000' (300 m) of type K (CHROMEGA®-ALOMEGA®), PFA coated extension grade wire, 20 gage, with stainless steel overbraid, \$1045 To order quantities other than 1000', consult Sales.