

# Thermocouple Wire Duplex Extension Grade



ANSI color code shown  
To order IEC color code see pg. H-9

**BX** Extension Grade  
Copper/Copper  
Duplex  
ANSI Type BX



Compensating Extension Wires for Platinum 6% Rhodium (-)/Platinum 30% Rhodium (+)  
Thermocouples ANSI Color Code: Positive Wire, Gray; Negative Wire, Red; Overall, Gray\*\*

**ALL MODELS  
AVAILABLE FOR FAST DELIVERY!**

Insulation	AWG No.	Model Number	Price/1000'	Type Wire	Insulation		Max Temp*		Nominal Size: mm (in)	Wt. kg/300 m (lb/1000')†
					Conductor	Overall	°C	°F		
Glass	20	EXGG-B-20	\$390	Solid	Glass braid	Glass braid	100	212	1.5 x 2.4 (0.060 x 0.095)	4 (9)
PFA	26	EXTT-B-26S	400	7 x 34	PFA	PFA	100	212	1.1 x 1.7 (0.042 x 0.068)	4 (9)
Polyvinyl	24	EXPP-B-24	235	Solid	Polyvinyl	Polyvinyl	100	212	1.9 x 3.1 (0.075 x 0.120)	2 (5)
	24	EXPP-B-24S	370	7 x 32	Polyvinyl	Polyvinyl	100	212	2.2 x 3.4 (0.182 x 0.134)	5 (12)
FEP	26	EXFF-B-26S	345	7 x 34	FEP	FEP	100	212	1.1 x 1.7 (0.042 x 0.068)	2 (5)

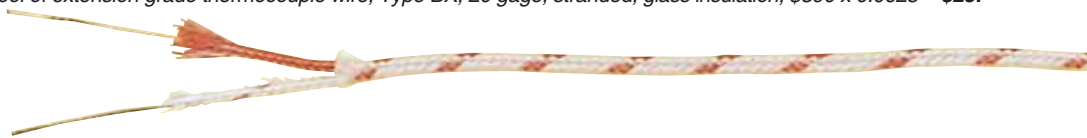
\* Maximum temperature is for extension-grade wire or insulation, whichever is lower.

\*\* Black on EXGG wire.

† Weight of spool and wire, rounded to next highest kg (lb) (does not include packing material).

Ordering Example: EXGG-B-20-25, 25' spool of extension grade thermocouple wire, Type BX, 20 gage, stranded, glass insulation, \$390 x 0.0625 = \$25.

**CX** Extension Grade  
W5%Re/W26%Re  
Duplex  
Type CX



Compensating Extension Wires for W5%Re/W26%Re Thermocouples Color Code:  
For EXGG Wire, Positive Wire, White/Red Trace; Negative Wire, Red; Overall, White/Red Trace  
For EXX<sup>††</sup> Wire, Positive Wire, White; Negative Wire, White/Red Trace; Overall, White/Red Trace

Insulation	AWG No.	Model Number	Price/1000'	Type Wire	Insulation		Max Temp*		Nominal Size: mm (in)	Wt. kg/300 m (lb/1000')†
					Conductor	Overall	°C	°F		
Nextel Ceramic*	24	EXXC-C-24	\$1750	Solid	Ceramic	Ceramic	427	800	2.9 x 4.4 (0.115 x 0.175)	5 (12)
	24	EXXT-C-24	1585	Solid	Ceramic	Ceramic	427	800	2.2 x 3.4 (0.088 x .0132)	5 (11)
	24	EXXL-C-24	1425	Solid	Ceramic	Ceramic	427	800	2.0 x 3.0 (0.078 x 0.116)	5 (10)
Glass	24	EXGG-C-24	650	Solid	Glass braid	Glass braid	427	800	1.3 x 2.0 (0.050 x 0.080)	3 (7)

Note: The XC is the standard braid, XT is a tight braid and XL is a light-duty braid; the three types of braid affect only the amount of Nextel used in manufacturing.

\* Maximum temperature is for extension-grade wire or insulation, whichever is lower.

† Weight of spool and wire, rounded to next highest kg/lb (does not include packing material).

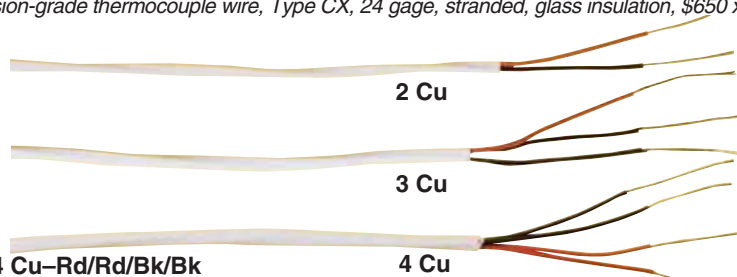
†† Has color tracers on jacket and conductors.

Ordering Example: EXGG-C-24-25, 25' spool of extension-grade thermocouple wire, Type CX, 24 gage, stranded, glass insulation, \$650 x 0.0625 = \$41.

# Thermistor and RTD Extension Wire

Nickel-Plated Copper Wire\*\*\*

Color Code: 2 Cu-Rd/Bk<sup>†††</sup>, 3 Cu-Rd/Bk/Bk; 4 Cu-Rd/Rd/Bk/Bk



Insulation	AWG No.	Model Number	Price/1000'	# of Con.	Type Wire	Insulation		Max Temp*		Nominal Size: mm (in)	Wt. kg/300 m (lb/1000')†
						Conductor	Overall	°C	°F		
Glass	20	EXGG-2CU-20	\$370	2	Solid	Glass braid	Glass braid	482	900	1.5 x 2.4 (0.060 x 0.095)	4 (9)
	26	EXGG-2CU-26S	280	2	7 x 34	Glass braid	Glass braid	482	900	1.5 x 1.3 (0.060 x 0.052)	2 (5)
	26	EXGG-3CU-26S	360	3	7 x 34	Glass braid	Glass braid	482	900	1.5 x 1.6 (0.060 x 0.064)	3 (7)
	26	EXGG-4CU-26S	420	4	7 x 34	Glass braid	Glass braid	482	900	1.5 x 1.7 (0.060 x 0.066)	4 (9)
Neoflon PFA	26	EXTT-2CU-26S	480	2	7 x 34	PFA	PFA	260	500	1.1 x 1.7 (0.042 x 0.068)	2 (5)
	26	EXTT-3CU-26S	650	3	7 x 34	PFA	PFA	260	500	1.8 Ø (0.072 Dia.)	4 (9)
	26	EXTT-4CU-26S	700	4	7 x 34	PFA	PFA	260	500	2.1 Ø (0.082 Dia.)	4 (9)
Polyvinyl	24	EXPP-2CU-24S	390	2	7 x 32	Polyvinyl	Polyvinyl	105	221	2.1 x 3.4 (0.082 x 0.134)	5 (10)
	24	EXPP-3CU-24S	520	3	7 x 32	Polyvinyl	Polyvinyl	105	221	4.22 Ø (0.166 Dia.)	6 (14)

\* Maximum temperature is for extension-grade wire or insulation, whichever is lower.

† Weight of spool and wire rounded to the next highest kg/lb (does not include packing material).

\*\*\* Can be welded. ††† Can also be red/gray.

Ordering Example: EXTT-3CU-26S-25, 25' spool of thermistor and RTD extension wire, 24 gage, stranded, polyvinyl insulation, \$650 x 0.0625 = \$41.

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