UL Listed Extension Grade Thermocouple Wire



EXPP Series 300 m (1000') Spool



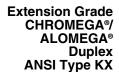
- ✓ UL Listed Type PLTC, Listed Under UL Subject 13, File E153789
- Extruded PVC Single Conductor and Duplex Insulation
- ✓ ANSI Color Coded
- Resistant to Moisture, Abrasion, Chemicals, and UV Light
- Available in Standard Spool Lengths: 25 ft, 50 ft, 100 ft, 200 ft, 500 ft, and 1000 ft or 7.5 m, 30 m, 60 m, 150 m, and 300 m

OMEGA duplex extension grade thermocouple wire performs continuously at temperatures to 105°C (220°F). The wire's flexibility permits installation in conduit and wiring trays, and it is easily stripped by hand or using mechanical methods. Insulation is PVC. The wire is UL listed for Power Limited Tray Cable (PLTC) applications.

Note: Overbraiding wire invalidates UL rating.



ANSI color code shown To order IEC color code visit us online





ANSI Color Code: Positive Wire, Yellow; Negative Wire, Red; Overall, Yellow

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Model	AWG	Nominal Conductor Size		Nominai		tion Thickness Overall		Nominal Overall Size		Approximate Shipping Weight	
Number	Gage	inches	mm	inches	mm	inches	mm	inches	mm	lb/1000'	kg/300 m
EXPP-K-14-UL	14	0.064	1.62	0.020	0.51	0.035	0.89	0.184 x 0.288	4.7 x 7.3	40	18
EXPP-K-16S-UL	16S	0.060	1.52	0.015	0.38	0.035	0.89	0.171 x 0.261	4.3 x 6.6	39	17.7
EXPP-K-16-UL	16	0.051	1.29	0.015	0.38	0.035	0.89	0.160 x 0.250	4.1 x 6.4	37	16.8
EXPP-K-18S-UL	18S	0.048	1.22	0.015	0.38	0.035	0.89	0.158 x 0.236	4.0 x 6.0	31	14
EXPP-K-20S-UL	20S	0.038	0.965	0.015	0.38	0.035	0.89	0.148 x 0.226	3.8 x 5.7	24	10.9
EXPP-K-20-UL	20	0.032	0.813	0.015	0.38	0.035	0.89	0.137 x 0.204	3.5 x 5.2	22	10

Ordering Example: EXPP-K-20-UL-1000, 1000' (300 m) UL listed extension grade thermocouple wire, 20 gage, type KX.

Extension Grade CHROMEGA®/Constantan Duplex

ANSI Type EX

All products shown actual size.

ANSI Color Code: Positive Wire, Purple; Negative Wire, Red; Overall, Purple

Madel	AWG	Nom Conduc		Nominal Insulation Thickness Conductor Overall			Nominal Overall Size		Approximate Shipping Weight		
Model Number	Gage	inches	mm	inches	mm	inches	mm	inches	mm	lb/1000'	kg/300 m
EXPP-E-16-UL	16	0.051	1.3	0.015	0.38	0.035	0.89	0.160 x 0.250	4.1 x 6.4	37	16.8
EXPP-E-18S-UL	18S	0.048	1.2	0.015	0.38	0.035	0.89	0.158 x 0.236	4.0 x 6.0	31	14
EXPP-E-20-UL	20	0.032	0.81	0.015	0.38	0.035	0.89	0.137 x 0.204	3.5 x 5.2	22	10

Ordering Example: EXPP-E-16-UL-50, 50' of extension grade thermocouple wire, 16 gage, type EX, UL listed.

Extension Grade Copper/Alloy#11 Duplex ANSI Type RX/SX



Compensating Extension Wires for Platinum (-)/Platinum-Rhodium (+) Thermocouples

ANSI Color Code: Positive Wire, Black; Negative Wire, Red; Overall, Green

Model	AWG	Nominal Conductor Size		Nominal Insulat Conductor		tion Thickness Overall		Nominal Overall Size		Approximate Shipping Weight	
Number	Gage	inches	mm	inches	mm	inches	mm	inches	mm	lb/1000'	kg/300 m
EXPP-RS-16-UL	16	0.051	1.3	0.015	0.38	0.035	0.89	0.160 x 0.250	4.1 x 6.4	37	16.8

Ordering Example: EXPP-RS-16-UL-100 100' of extension grade thermocouple wire, 16 gage, type RX/SX, UL listed.

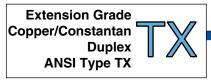
Extension Grade Iron/Constantan Duplex ANSI Type JX



ANSI Color Code: Positive Wire, White; Negative Wire, Red; Overall, Black

Model	AWG	Nominal Conductor Size		Nomina Cond	tion Thic		Nominal Overall Size		Approximate Shipping Weight		
Number Gag		inches	mm	inches	mm	inches	mm	inches	mm	lb/1000'	kg/300 m
EXPP-J-14-UL	14	0.064	1.6	0.020	0.51	0.035	0.89	0.184 x 0.288	4.7 x 7.3	40	18
EXPP-J-16S-UL	16S	0.060	1.5	0.015	0.38	0.035	0.89	0.171 x 0.261	4.3 x 6.6	39	17.7
EXPP-J-16-UL	16	0.051	1.3	0.015	0.38	0.035	0.89	0.160 x 0.250	4.1 x 6.4	37	16.8
EXPP-J-20S-UL	20S	0.038	0.97	0.015	0.38	0.035	0.89	0.148 x 0.226	3.8 x 5.7	24	10.9
EXPP-J-20-UL	20	0.032	0.81	0.015	0.38	0.035	0.89	0.137 x 0.204	3.5 x 5.2	21	10

Ordering Example: EXPP-J-20-UL-1000, 1000' of extension grade thermocouple wire, 20 gage, type JX, UL listed.



ANSI Color Code: Positive Wire, Blue; Negative Wire, Red; Overall, Blue

Model	AWG	Nominal Conductor Size		Nominal Insulation Thickness Conductor Overall				Nominal Overall Size		Approximate Shipping Weight	
Number			mm	inches	mm	inches	mm	inches	mm	lb/1000'	kg/300 m
EXPP-T-14-UL	14	0.064	1.62	0.020	0.51	0.035	0.89	0.184 x 0.288	4.7 x 7.3	40	18
EXPP-T-16-UL	16	0.051	1.29	0.015	0.38	0.035	0.89	0.160 x 0.250	4.1 x 6.5	37	16.8
EXPP-T-20S-UL	20S	0.038	0.965	0.015	0.38	0.035	0.89	0.148 x 0.226	3.7 x 5.7	24	10.9
EXPP-T-20-UL	20	0.032	0.813	0.015	0.38	0.035	0.89	0.137 x 0.204	3.5 x 5.2	22	10

"S" Denotes stranded wire, e.g., "20S" is seven strands of 28 AWG wire, or 7/28

Ordering Example: EXPP-T-20-UL-500, 500' of extension grade thermocouple wire, 20 gage, type TX, UL listed.



