

The thermocouple extension wire types listed below are not stocked at the factory, but may be available on a special order basis. Minimum order quantities may apply.

Duplex - ASTM/ANSI Type J

ASTM/ANSI Color Code: Negative wire, red; Positive wire, white; Overall black. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
J14-6-502	14	Solid	Polyvinyl	Polyvinyl		Spl.	0.130 x 0.226	37
J16-5-303	16	Solid	Enamel glass braid	Glass braid		Std.	0.100 x 0.160	18
J16-7-155	16	Strd.	ServTex	ServTex braid		Std.	0.188 x 0.260	31
J16-7-515	16	Strd.	Tefzel®	Twisted alum. Mylar®		Std.	0.185	29
J20-5-514	20	Solid	Tefzel®	Tefzel®	Tefzel®	Std.	0.080 x 0.130	10

Duplex - ASTM/ANSI Type KX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, yellow; Overall yellow. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
K14-5-502	14	Solid	Polyvinyl	Polyvinyl		Std.	0.130 x 0.226	38
K16-7-515	16	Strd.	Tefzel®	Twisted alum. Mylar®	Tefzel®	Std.	0.185	30
K20-5-514	20	Solid	Tefzel®	Tefzel®		Std.	0.080 x 0.130	10

Duplex - ASTM/ANSI Type TX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, blue; Overall blue. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
T16-5-502	14	Solid	Polyvinyl	Polyvinyl		Std.	0.111 x 0.188	38
T20-7-502	16	Strd.	Polyvinyl	Polyvinyl		Std.	0.108 x 0.185	30

Duplex - ASTM/ANSI Type EX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, purple; Overall purple. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
E16-7-515	16	Strd.	Tefzel®	Twisted alum. Mylar®	Tefzel®	Std.	0.185	30
E20-5-502	20	Solid	Polyvinyl	Polyvinyl		Std.	0.095 x 0.158	15

Duplex - ASTM/ANSI Type NX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, orange; Overall orange. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
N20-5-510	20	Solid	Polyvinyl	Twisted alum. Mylar®	PVC	Std.	0.170	20

Duplex - ASTM/ANSI Type SX and RX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, black; Overall green; Compensating extension wire for ANSI Types R, S thermocouples. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
S24-5-304	24	Solid	Glass Braid	Glass Braid		Std.	0.045 x 0.077	4

Tungsten/Tungsten Rhenium Type C

ASTM/ANSI Color Code: Negative wire, red; Positive wire, orange; Overall orange. Non-stock extension wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
C24-5-304	24	Solid	Glass Braid	Glass Braid		Std.	0.045 x 0.072	7

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