

The thermocouple 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 brown, with Tracer where possible. Non-stock wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
J14-1-309	14	Solid	High-temp. glass braid	High-temp. glass braid		Std.	0.125 x 0.195	36
J20-1-509	20	Solid	Teflon® (FEP) extruded	Twisted alum. Mylar®	Teflon® (FEP)	Std.	0.059 x 0.100	10
J20-1-511	20	Solid	Fused Kapton® tape	Twisted		Std.	0.087	10
J20-1-516	20	Solid	Extruded PFA	Extruded PFA		Std.	0.070 x 0.120	11
J20-1-517	20	Solid	Extruded PFA	Extruded PFA		Std.	0.131	16
J20-2-305	20	Solid	Glass braid	Glass braid		Spl.	0.054 x 0.095	8
J24-3-508	24	Strd.	Fused Teflon® (TFE) tape	Fused Teflon® (TFE) tape		Std.	0.047 x 0.086	7
J24-1-511	24	Solid	Fused Kapton® tape	Twisted		Std.	0.063	5
J30-2-513	30	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.048 x 0.058	4

Duplex - ASTM/ANSI Type K

ASTM/ANSI Color Code: Negative wire, red; Positive wire, yellow; Overall brown, with Tracer where possible. Non-stock wire

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
K20-1-311	20	Solid	High-temp. glass braid	High-temp. glass braid		Std.	0.100 x 0.150	16
K20-1-314	20	Solid	High-temp. glass braid	None - twisted		Std.	0.120	8
K20-1-509	20	Solid	Teflon® (FEP) extruded	Twisted alum. Mylar®	Teflon® (FEP)	Std.	0.132	16
K20-1-516	20	Solid	Extruded PFA	Extruded PFA		Std.	0.070 x 0.120	11
K20-1-517	20	Solid	Extruded PFA	Extruded PFA		Std.	0.131	16
K20-2-355	20	Solid	Ceramic fiber braid	Ceramic fiber braid		Spl.	0.090 x 0.135	14
K20-2-511	20	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.087	10
K24-2-513	24	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.060 x 0.085	6
K24-3-508	24	Strd.	Fused Teflon® (TFE) tape	Fused Teflon® (TFE) tape		Std.	0.047 x 0.085	6
K28-1-304	28	Solid	Glass braid	Glass braid		Std.	0.039 x 0.064	3
K28-1-305	28	Solid	Glass wrap	Glass braid		Std.	0.036 x 0.057	3
K30-1-305	30	Solid	Glass wrap	Glass braid		Std.	0.043 x 0.067	2
K30-2-506	30	Solid	Teflon® (FEP) extruded	Teflon® (FEP) extruded		Spl.	0.030 x 0.050	4
K30-2-513	30	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.048 x 0.058	4
K36-2-506	36	Solid	Teflon® (FEP) extruded	Teflon® (FEP) extruded		Spl.	0.029 x 0.042	2

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