

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 T

ASTM/ANSI Color Code: Negative wire, red; Positive wire, blue; 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			
T20-1-S-304	20	Solid	Glass braid	Glass braid	Stainless overbraid	Std.	0.080 x 0.097	17
T20-1-305	20	Solid	Glass braid	Glass braid		Std.	0.054 x 0.095	8
T20-1-508	20	Solid	Fused Teflon® (TFE) tape	Fused Teflon® (TFE) tape		Std.	0.059 x 0.100	10
T20-1-509	20	Solid	Teflon® (FEP) extruded	Twisted alum. Mylar®	Teflon® (FEP)	Std.	0.132	16
T20-1-516	20	Solid	Extruded PFA	Extruded PFA		Std.	0.070 x 0.120	11
T20-1-517	20	Solid	Extruded PFA	Extruded PFA		Std.	0.070 x 0.120	16
T20-2-513	20	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.065 x 0.100	11
T20-3-512	20	Strd.	Kapton®	Kapton®		Std.	0.055 x 0.102	11
T24-1-S-304	24	Solid	Glass braid	Glass braid	Stainless overbraid	Std.	0.067 x 0.095	13
T24-1-305	24	Solid	Glass wrap	Glass braid		Std.	0.045 x 0.077	4
T24-2-513	24	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.060 x 0.085	5
T30-1-305	30	Solid	Glass wrap	Glass braid		Std.	0.043 x 0.067	2
T30-2-506	30	Solid	Teflon® (FEP) extruded	Teflon® (FEP) extruded		Spl.	0.030 x 0.050	4
T30-2-513	30	Solid	Fused Kapton® tape	Fused Kapton® tape		Spl.	0.048 x 0.058	4
T36-2-506	36	Solid	Teflon® (FEP) extruded	Teflon® (FEP) extruded		Spl.	0.029 x 0.042	2

Duplex - ASTM/ANSI Type E

ASTM/ANSI Color Code: Negative wire, red; Positive wire, purple; 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			
E20-1-508	20	Solid	Fused Teflon® (TFE) tape	Fused Teflon® (TFE) tape		Std.	0.059 x 0.100	10
E20-1-516	20	Solid	Extruded PFA	Extruded PFA		Std.	0.070 x 0.120	11
E20-1-517	20	Solid	Extruded PFA	Extruded PFA		Std.	0.070 x 0.120	16

Duplex - ASTM/ANSI Type N

ASTM/ANSI Color Code: Negative wire, red; Positive wire, orange; 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			
N20-1-304	20	Solid	Glass braid	Glass braid		Std.	0.059 x 0.097	8
N20-2-301	20	Solid	Vitreous silica fiber braid	Vitreous silica fiber braid		Spl.	0.100 x 0.155	16
N24-1-304	24	Solid	Glass braid	Glass braid		Std.	0.047 x 0.081	4
N20-1-S-304	20	Solid	Glass braid/Teflon® (TFE) impregnated	Glass braid/Teflon® (TFE) impregnated	Stainless overbraid	Std.	0.075 x 0.117	11
N20-1-S-307	20	Solid	Impregnated glass braid	Glass braid	Stainless overbraid	Std.	0.095 x 0.138	13

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