

Standard length spools are in 50 ft. increments. Non-standard lengths are available at an extra charge.

Duplex - ANSI Type T

ASTM/ANSI Color Code: Negative wire, blue; Positive wire, blue; Overall brown, with Tracer where possible.

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
T20 - 1 - 507	20	Solid	Teflon® (FEP) extruded	Teflon® (FEP) extruded		Std.	0.072 x 0.124	11
T20 - 3 - 507	20	Strd.	Teflon® (FEP) extruded	Teflon® (FEP) extruded		Std.	0.080 x 0.137	12
T24 - 1 - 304	24	Solid	Glass braid	Glass braid		Std.	0.047 x 0.081	4
T24 - 1 - 505	24	Solid	Polyvinyl	None (ripcord constr.)		Std.	0.048 x 0.086	3
T24 - 2 - 508	24	Solid	Fused Teflon® (TFE) tape	Fused Teflon® (TFE) tape		Spl.	0.047 x 0.078	5
T24 - 3 - 595	24	Strd.	FEP Teflon®	FEP Teflon®/stainless OB	Teflon® (FEP)	Std.	0.145	17

Duplex - ANSI Type E

ASTM/ANSI Color Code: Negative wire, red; Positive wire, purple; Overall brown, with Tracer where possible.

CODE	AWG.	CONDUCTOR	INSULATIONS			LIMITS OF ERROR	NOMINAL SIZE (inches)	WEIGHT per 1000 FT. (pounds)
			EACH CONDUCTOR	OUTER JACKET	OVERALL			
E20 - 1 - 304	20	Solid	Glass braid	Glass braid		Std.	0.059 x 0.097	8
E20 - 1 - S - 304	20	Solid	Glass Braid	Glass braid	Stainless Overbraid	Std.	0.080 x 0.119	17

Type T Thermocouple and Extension Wire Conductor Specifications

WIRE GAUGE	CONDUCTOR DIAMETER		OHMS PER DOUBLE FOOT	
	SOLID (inches)	STRANDED (inches)	SOLID (ohms)	STRANDED (ohms)
16	0.0508		0.118	
20	0.0320	0.0390	0.298	0.272
24	0.0201	0.0250	0.272	
30	0.0100		3.520	
36	0.0050		12.174	

Type E Thermocouple and Extension Wire Conductor Specifications

WIRE GAUGE	CONDUCTOR DIAMETER		OHMS PER DOUBLE FOOT	
	SOLID (inches)	STRANDED (inches)	SOLID (ohms)	STRANDED (ohms)
16		0.0600		0.254
20	0.0320		0.704	

Type N Thermocouple and Extension Wire Conductor Specifications

WIRE GAUGE	CONDUCTOR DIAMETER		OHMS PER DOUBLE FOOT	
	SOLID (inches)	STRANDED (inches)	SOLID (ohms)	STRANDED (ohms)
20	0.0320		0.352	
24	0.0201		1.980	

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