

# TYPE T

# INSULATED THERMOCOUPLE GRADE WIRE

## DUPLEX—ANSI Type T

Series 500 - Type T Copper/Constantan: Positive wire - Blue; Negative wire - Red; Overall Jacket - Blue.

Order Code Cat. No.	Size of Wire			Ohms†	Each Conductor	Insulations Over-all	Nominal over-all Size. Inches Minor x Major	Approx. Shipping Wt. Lbs. per 1000 Ft.	Overbraid Selection Code £
	B & S Gauge	Inch	Type of Wire						
500-20-304	20	.0320	Solid	.298	Glass Braid	Glass Braid	.059 x .105	5	1,2,3,4
500-20-305	20	.0320	Solid	.298	Glass Wrap	Glass Braid	.054 x .095	8	1,2,3,4
500-20-507	20	.0320	Solid	.298	Teflon (FEP) Extruded	Teflon (FEP) Extruded	.072 x .124	11	1,2,3,4
500-20-508	20	.0320	Solid	.298	Fused Teflon (TFE) Tape	Fused Teflon (TFE) Tape	.065 x .110	10	1,2,3
500-20-509	20	.0320	Solid	.298	Teflon (FEP) Extruded	Twisted Alum. Mylar/ Teflon (FEP) Extruded	.132	16	1,2,3,4
500-20-513	20	.0320	Solid	.298	Fused Kapton Tape	Fused Kapton Tape	.057 x .103	11	1■,2■,3
±500-20F-512	20	—	Stranded	.272	Kapton	Kapton	.055 x .102	11	1■,2■,3
500-24-304	24	.0201	Solid	.753	Glass Braid	Glass Braid	.047 x .081	4	1■,2■,3
500-24-305	24	.0201	Solid	.753	Glass Wrap	Glass Braid	.043 x .073	4	1■,2■,3
500-24-505	24	.0201	Solid	.753	Ployvinyl	None-Rip-Cord Construction	.048 x .096	3	—
500-24-508	24	.0201	Solid	.753	Fused Teflon (TFE) Tape	Fused Teflon (TFE) Tape	.047 x .078	5	1■,2■,3
500-24-513	24	.0201	Solid	.753	Fused Kapton Tape	Fused Kapton Tape	.045 x .079	6	1■,2■,3
500-24-514	24	.0201	Solid	.753	Tefzel	Tefzel	.056 x .092	6	1■,2■,3■
500-30-305	30	.0100	Solid	3.025	Glass Wrap	Glass Braid	.033 x .053	2	1■,2■,3■
500-30-506	30	.0100	Solid	3.025	Teflon - FEP Extr.	Teflon - FEP Extr.	.030 x .050	4	1■,2■
500-30-513	30	.0100	Solid	3.025	Fused Kapton Tape	Fused Kapton Tape	.038 x .063	4	1■,2■,3
500-36-506	36	.0050	Solid	12.170	Teflon-FEP Extr.	Teflon-FEP Extr.	.029 x .042	2	1■,2■

\* For Special Limits, use prefix "SL", i.e. SL500-20-304.

# TYPE E

# INSULATED THERMOCOUPLE GRADE WIRE

## DUPLEX—ANSI Type E

Series 600 - Type E Chromel/Constantan: Positive wire - Purple; Negative wire - Red; Overall Jacket - Brown.

600-20-304	20	.0320	Solid	.704	Glass Braid	Glass Braid	.059 X .105	8	1,2,3
600-20-508	20	.0320	Solid	.704	Fused Teflon (TFE) Tape	Fused Teflon (TFE) Tape	.065 X .110	10	1,2,3
600-20-507	20	.0320	Solid	.704	Teflon (FEP) Extruded	Teflon (FEP) Extruded	.082 X .134	15	1,2,3
600-20-514	20	.0320	Solid	.704	Extruded Tefzel	Extruded Tefzel	.080 X .130	10	1,2,3
600-20-516	20	.0320	Solid	.704	Extruded PFA	Extruded PFA	.070 X .120	11	1,2,3

\* For Special Limits, use prefix "SL", i.e. SL600-20-304.

- ★ Not Color Coded
- ‡ Light Lacquer on duplex only Not color coded
- ‡‡ Both legs have color coded tracer
- † Ohms per double foot at 20°C (68°F)
- May appear loosely braided and oversize

### £ Overbraid Selection Code

- 1—Stainless Steel Wire Braid . . . . . S
- 2—Tinned Copper Wire Braid . . . . . C
- 3—Flat Stainless Steel Ribbon Braid . . . . . F
- 4—Flat Stainless Steel Spiral Wrap . . . . . W
- 5—Half Oval Galvanized Steel Spiral Wrap . . . . . G

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