

Thermocouple Extension Wire



UL PLTC 300 VOLT

PVC Insulation & Jacket
Individual & Overall Shield

Cable Specifications:

Conductors: 20 AWG Solid Thermocouple Extension Wire
Single Insulation: 5 mils 105°C PVC
Color Code: Jacket and individual pairs are per ANSI MC96.1
Construction: Twisted pairs
Identification of pair: One conductor of each pair is numbered
Twist: Lay is approximately 2.5 inches
Pair Shield: Aluminized Polyester backed tape overlapped to provide coverage when flexed
Pair Drain Wire: Stranded uninsulated tinned copper in continuous contact with shield
Overall Shield: .002" aluminized polyester backed tape overlapped to provide 100% coverage when flexed
Overall Drain Wire: Stranded uninsulated tinned copper in continuous contact with shield
Communications Wire: 22 AWG stranded copper wire insulated and color coded orange
Ripcord: Assists in jacket removal
Jacket Insulation: 90°C Flame retardant PVC

Features:

- UL Listed under Subject 13
- Passes IEEE 383 70,000 BTU 1 hour flame test (Non-propagating)
- Excellent moisture, chemical & abrasion resistance

Individual & Overall Shielded Cable

Order Code	Number of Pairs	Nominal Outer Jacket Thickness	Nominal O.D. (Inches)	Minimum Bending Radius (Inches)	Maximum Pulling Tension (lbs.)	Net Wt (lbs./1000 ft)
(*)-2-20-UPAAP	2	.040	.365	2.90	50	64
(*)-4-20-UPAAP	4	.052	.450	3.40	95	105
(*)-6-20-UPAAP	6	.052	.525	4.20	140	140
(*)-8-20-UPAAP	8	.052	.570	4.45	180	170
(*)-10-20-UPAAP	10	.062	.685	5.45	225	222
(*)-12-20-UPAAP	12	.062	.690	5.45	260	250
(*)-16-20-UPAAP	16	.062	.765	5.90	340	310
(*)-20-20-UPAAP	20	.062	.845	6.70	430	375
(*)-24-20-UPAAP	24	.072	.930	7.50	520	455
(*)-36-20-UPAAP	36	.072	1.040	8.20	780	625
(*)-50-20-UPAAP	50	.072	1.200	9.45	1090	835

(*) Specify KX, JX, EX, TX, or RSX Calibration