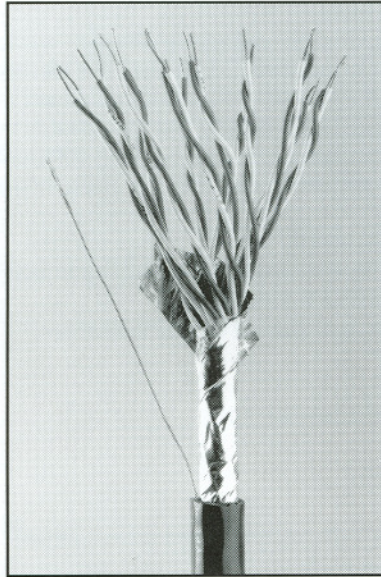


# Thermocouple Extension Wire



**UL PLTC 300 VOLT**  
PVC Insulation & Jacket  
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  
**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

## 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)
(*)-20-UPAP	1	.035	.220	1.45	26	27
(*)-2-20-UPAP	2	.042	.322	2.00	40	50
(*)-4-20-UPAP	4	.042	.370	2.50	75	76
(*)-6-20-UPAP	6	.052	.440	2.70	105	110
(*)-8-20-UPAP	8	.052	.475	3.00	142	129
(*)-10-20-UPAP	10	.052	.540	3.25	170	155
(*)-12-20-UPAP	12	.052	.560	3.25	210	175
(*)-16-20-UPAP	16	.062	.645	3.70	275	230
(*)-20-20-UPAP	20	.062	.670	4.00	330	280
(*)-24-20-UPAP	24	.062	.745	4.80	405	325
(*)-36-20-UPAP	36	.072	.890	6.00	600	470
(*)-50-20-UPAP	50	.072	.995	6.00	830	640

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