

PVC Insulated Thermocouple Wire Shielded Single Pair- PVC-UL

PVC-UL: Single pair with an overall shield are constructed by insulating the single conductors with PVC. One conductor of each pair is numbered and twisted with its counterpart. The twisted pairs are cabled with an insulated copper communications wire and the entire construction is wrapped with an aluminum/Mylar tape shield. A copper drain wire is applied under the extruded PVC jacket



Key Features

- Rated for continuous use at 105° C
- High-Quality Extruded PVC single twisted conductor and Jacket with Drain wire
- Available in standard limits and special Limits of error.
- Available in Type JX, KX, RX & SX
- UL Listed, PLTC
- Rate 300 V

Comparison to Other Constructions:

Abrasion Resistance - Good
Chemical Resistance - Fair
Moisture Resistance - Good

Order Code W-TTXX-XX-PVC-OVS- UL-PLTC

1	2	PVC	OVS	UL-PLTC
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Example: W-TT20-KX-PVC-OVS-UL-PLTC

Field 1 Wire Gauge Size	
Code	
16	16 AWG. Solid
18	18 Awg, Solid
20	20 AWG. Solid

USE **"S"** with code for stranded conductor

Field 2 Thermocouple Type	
Code	
R/SX	Type RX/SX Extension Grade
JX	Type JX Thermocouple Grade
KX	Type KX Thermocouple Grade
TX	Type TX Thermocouple Grade

Note: Add "IEC" at the end of order code IEC Color coding

Cond. Size AWG.	Insulation Thickness (Inches)	Jacket Thickness (Inches)	Outer Diameter (Inches)	Net Weight LB/1000 FT
16	0.014	0.035	0.258	43
18	0.014	0.035	0.240	35
20	0.014	0.035	0.220	29