

THERMOCOUPLE WIRE

NEC ARTICLE 725 / 800 (UL) c(UL) CL2P CL3P CMP PLTC



PRODUCT HIGHLIGHTS

- 1** Type E / J / K / T Thermocouple Grade and Extension Grade
- 2** Special limits of error and custom composite designs available
- 3** Reach and RoHS compliant
- 4** Tested and approved by (UL) for plenum and power-limited tray cable applications

EMPOWERING YOU TO DESIGN

- NUMBER OF CONDUCTORS / PAIRS / TRIADS
- CONDUCTOR MATERIAL AND SIZE
- INSULATION AND JACKET MATERIAL
- SPECIAL COLOR CODES
- SHIELDING / FOLDING TECHNIQUES



*legend is for rendering only.



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THE DETAILS

<p>CABLE APPLICATIONS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Probes and temperature sensors <input type="checkbox"/> FDA approved applications, aircraft, cryogenic use and petrochemical plants <input type="checkbox"/> All power-limited circuitry applications
<p>RESISTANCE / SUITABILITY</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Sunlight, oil, gasoline, vapor, abrasion resistant (FEP ONLY) <input type="checkbox"/> Suitable for direct burial and in-wall installations
<p>TYPES / COLOR CODES</p>	<ul style="list-style-type: none"> <input type="checkbox"/> TYPE K + CHROMEL (YELLOW) - ALUMEL (RED) <input type="checkbox"/> TYPE J + IRON (WHITE) - CONSTANTAN (RED) <input type="checkbox"/> TYPE E + CHROMEL (PURPLE) - CONSTANTAN (RED) <input type="checkbox"/> TYPE T + COPPER (BLUE) - CONSTANTAN (RED) - Custom color codes and special limits of error (SLE) types available
<p>AWG</p>	<ul style="list-style-type: none"> <input type="checkbox"/> SIZE: 12 AWG – 24 AWG
<p>SHIELDING</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Unshielded / Foil Shield / Braid Shield / Individually shielded pairs
<p>TEMPERATURE</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (FEP) Low Temp minus 80C to Hi-Temp 200C <input type="checkbox"/> (E-CTFE) Low Temp minus 40C to Hi-Temp 150C <input type="checkbox"/> (Low Smoke PVC) Low Temp minus 5C to Hi-Temp 60C
<p>APPROVALS / STANDARDS</p>	<ul style="list-style-type: none"> <input type="checkbox"/> (UL) PLTC (DUAL RATING AVAILABLE- CL2P CMP CL3P) <input type="checkbox"/> Passes flame tests: (UL) NFPA 262 (UL) 910 and FT 6 (CMP ONLY) <input type="checkbox"/> Reach RoHs compliant