

Coil Cord for Thermocouples and RTDs

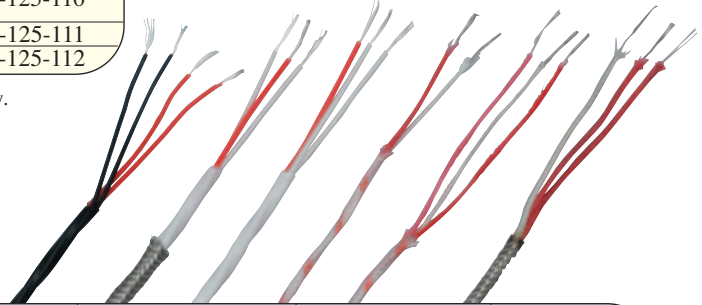
Design/Special Features

- * Complements modern instrumentation.
- * Designed to be space saving and convenient with excellent retractability.
- * Rated for 221°F (105°C) upper limit (above 104°F [40°C], coil form may change if stretched).
- * ANSI Color Coded Outer Jacket.
- * Wire is 26 gauge stranded with PVC insulation and the outer jacket is polyurethane.
- * Available with mini plug molded on one end only for thermocouples and has open ends only for 3-wire RTDs.
- * Can be used with all available thermocouple or RTD plugs, jacks and cable clamps, standard or miniature.
- * Open ends have approximately 4 inches straight.



| Calibration | Outer Jacket Color | Coil Length (in) | Extended Length Maximum (in) | Part Number | |
|--------------------------|--------------------|------------------|------------------------------|---|------------------|
| | | | | † With Miniature Plug Molded on One End | † Both Ends Open |
| J | Black | 12 | 60 | TCW-124-101 | TCW-125-101 |
| J | Black | 24 | 120 | TCW-124-102 | TCW-125-102 |
| K | Yellow | 12 | 60 | TCW-124-103 | TCW-125-103 |
| K | Yellow | 24 | 120 | TCW-124-104 | TCW-125-104 |
| E | Purple | 12 | 60 | TCW-124-105 | TCW-125-105 |
| T | Blue | 12 | 60 | TCW-124-106 | TCW-125-106 |
| T | Blue | 24 | 120 | TCW-124-107 | TCW-125-107 |
| R/S | Green | 12 | 60 | TCW-124-108 | TCW-125-108 |
| R/S | Green | 32 | 180 | — | TCW-125-109 |
| U (2-wire uncompensated) | White | 12 | 60 | TCW-124-109 | TCW-125-110 |
| 3-wire RTD | White | 12 | 60 | — | TCW-125-111 |
| 3-wire RTD | White | 36 | 180 | — | TCW-125-112 |

† Other configurations and lengths are available on special request. Minimum order may apply. Consult Tempco with your requirements.



RTD Multiconductor Wire

| Part Number | No. of Conductors | B & S Gauge | Inner Insulation | Outer Insulation | Max. Temp. °F | °C | Nom. Overall Size |
|-------------|-------------------|---------------|-------------------------------|---------------------------------|---------------|-----|-------------------|
| LDW-126-101 | 2 | 24 Str. NPC* | Fiberglass 1xRed, 1xWhite | Fiberglass | 900 | 480 | .080" |
| LDW-120-101 | 3 | 24 Str. SPC** | TFE Teflon® 2xWhite, 1xRed | FEP Jacket White w/SS Overbraid | 392 | 200 | .140" |
| LDW-120-102 | 3 | 24 Str. SPC** | TFE Teflon® 2xWhite, 1xRed | FEP Jacket, White | 392 | 200 | .125" |
| LDW-120-103 | 3 | 24 Str. NPC* | Fiberglass 2xRed, 1xWhite | SS Overbraid | 900 | 480 | .115" |
| LDW-120-104 | 3 | 24 Str. NPC* | Fiberglass 2xRed, 1xWhite | Fiberglass | 900 | 480 | .086" |
| LDW-122-101 | 4 | 26 Str. SPC** | TFE Teflon® 2xRed, 2xBlack | FEP Jacket, Black | 392 | 200 | .125" |

* NPC denotes nickel-plated copper

** SPC denotes silver-plated copper