

Pyromation offers several special construction thermocouple wire and RTD cables for process applications. Those listed below, because of their specialized construction, have been used in many unusual applications to solve problems where standard "off-the-shelf" wire and cable would not suffice. The listed wire and cable is normally carried in stock. Other non-standard wire and cable is available on special order. Please contact us with your specifications for a quotation. Minimum order quantities may apply on special construction items.

Special Construction RTD Cables

| CODE | PART NUMBER | CONSTRUCTION STYLE | GAUGE AND TYPE | OHMS ^[1] | INSULATIONS | | | TEMP. RATING | COLOR CODE | OUTER JACKET | NOMINAL SIZE (inches) |
|--------------|-------------|--------------------|--------------------------------------|---------------------|---------------|---|---------------------------|-----------------|--------------------------------------|--------------|-----------------------|
| | | | | | EACH COND. | INNER JACKET | OUTER JACKET | | | | |
| RT24-3-595 | 14162 | Triplex | 24 - stranded (silver-plated copper) | 0.066 | Fluoropolymer | FEP & stainless steel overbraid | Fluoropolymer | 204 °C [400 °F] | Red, red, white | White | 0.160 O.D. |
| RT24-3-527 | 14160 | Triplex | 24 - stranded (silver-plated copper) | 0.066 | Fluoropolymer | None | Fluoropolymer | 204 °C [400 °F] | Red, red, white | White | 0.110 O.D. |
| RT28-6-527 | 14198 | Six conductor | 28 - stranded (silver-plated copper) | 0.175 | Fluoropolymer | None | Fluoropolymer | 204 °C [400 °F] | Red, red, white, black, black, green | White | 0.132 O.D. |
| RT24-3-S-330 | 14154 | Duplex | 24 - stranded (nickel-plated copper) | 0.060 | Glass braid | Glass braid | Stainless steel overbraid | 482 °C [900 °F] | Red, white | - | 0.110 O.D. |
| RT24-3-S-330 | 14163 | Triplex | 24 - stranded (nickel-plated copper) | 0.090 | Glass braid | Glass braid | Stainless steel overbraid | 482 °C [900 °F] | Red, red, white | - | 0.120 O.D. |
| RT24-3-330 | 14156 | Triplex | 24 - stranded (nickel-plated copper) | 0.090 | Glass braid | None | Glass braid | 482 °C [900 °F] | Red, red, white | White | 0.072 O.D. |
| RT22-3-502 | 14137 | Triplex | 22 - stranded tinned copper | 0.044 | PVC | None | PVC | 105 °C [221 °F] | Red, red, white | White | 0.160 O.D. |
| RT22-4-502 | 14138 | Four conductor | 22 - stranded tinned copper | 0.059 | PVC | None | PVC | 105 °C [221 °F] | Red, red, white, white | White | 0.175 O.D. |
| RT24-3-509 | 14157 | Triplex | 24 - stranded tinned copper | 0.066 | Fluoropolymer | Aluminized Polyester shield with drain wire | Fluoropolymer | 150 °C [302 °F] | Red, red, white | White | 0.130 O.D. |
| RT24-4-509 | 14169 | Four conductor | 24 - stranded tinned copper | 0.066 | Fluoropolymer | Aluminized Polyester shield with drain wire | Fluoropolymer | 150 °C [302 °F] | Red, red, white, white | White | 0.150 O.D. |

[1] Ohms per double or triple foot @ 20 °C [68 °F]