

The thermocouple wire, below, is not stocked at the factory but may be available on a special order basis. Minimum order quantities may apply.

### Duplex - ASTM/ANSI Type T

ASTM/ANSI Color Code: Negative Wire, Red: Positive Wire, Blue: Over-all Brown, with Tracer where possible.

#### Non Stock Wire

| CODE        | AWG. | CONDUCTOR | INSULATIONS              |                          |                     | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-------------|------|-----------|--------------------------|--------------------------|---------------------|-----------------|-----------------------|------------------------------|
|             |      |           | EACH CONDUCTOR           | OUTER JACKET             | OVER-ALL            |                 |                       |                              |
| T20-1-S-304 | 20   | Solid     | Glass braid              | Glass braid              | Stainless overbraid | Std.            | 0.080 x 0.097         | 17                           |
| T20-1-305   | 20   | Solid     | Glass braid              | Glass braid              |                     | Std.            | 0.054 x 0.095         | 8                            |
| T20-1-508   | 20   | Solid     | Fused Teflon® (TFE) tape | Fused Teflon® (TFE) tape |                     | Std.            | 0.059 x 0.100         | 10                           |
| T20-1-509   | 20   | Solid     | Teflon® (FEP) extruded   | Twisted alum. Mylar®     | Teflon® (FEP)       | Std.            | 0.132                 | 16                           |
| T20-1-516   | 20   | Solid     | Extruded PFA             | Extruded PFA             |                     | Std.            | 0.070 x 0.120         | 11                           |
| T20-1-517   | 20   | Solid     | Extruded PFA             | Extruded PFA             |                     | Std.            | 0.070 x 0.120         | 16                           |
| T20-2-513   | 20   | Solid     | Fused Kapton® tape       | Fused Kapton® tape       |                     | Spl.            | 0.065 x 0.100         | 11                           |
| T20-3-512   | 20   | Strd.     | Kapton®                  | Kapton®                  |                     | Std.            | 0.055 x 0.102         | 11                           |
| T24-1-S-304 | 24   | Solid     | Glass braid              | Glass braid              | Stainless overbraid | Std.            | 0.067 x 0.095         | 13                           |
| T24-1-305   | 24   | Solid     | Glass wrap               | Glass braid              |                     | Std.            | 0.045 x 0.077         | 4                            |
| T24-2-513   | 24   | Solid     | Fused Kapton® tape       | Fused Kapton® tape       |                     | Spl.            | 0.060 x 0.085         | 5                            |
| T30-1-305   | 30   | Solid     | Glass wrap               | Glass braid              |                     | Std.            | 0.043 x 0.067         | 2                            |
| T30-2-506   | 30   | Solid     | Teflon® (FEP) extruded   | Teflon® (FEP) extruded   |                     | Spl.            | 0.030 x 0.050         | 4                            |
| T30-2-513   | 30   | Solid     | Fused Kapton® tape       | Fused Kapton® tape       |                     | Spl.            | 0.048 x 0.058         | 4                            |
| T36-2-506   | 36   | Solid     | Teflon® (FEP) extruded   | Teflon® (FEP) extruded   |                     | Spl.            | 0.029 x 0.042         | 2                            |

### Duplex - ASTM/ANSI Type E

ASTM/ANSI Color Code: Negative Wire, Red: Positive Wire, Purple: Over-all Brown, with Tracer where possible.

#### Non Stock Wire

| CODE      | AWG. | CONDUCTOR | INSULATIONS              |                          |          | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|--------------------------|--------------------------|----------|-----------------|-----------------------|------------------------------|
|           |      |           | EACH CONDUCTOR           | OUTER JACKET             | OVER-ALL |                 |                       |                              |
| E20-1-508 | 20   | Solid     | Fused Teflon® (TFE) tape | Fused Teflon® (TFE) tape |          | Std.            | 0.059 x 0.100         | 10                           |
| E20-1-516 | 20   | Solid     | Extruded PFA             | Extruded PFA             |          | Std.            | 0.070 x 0.120         | 11                           |
| E20-1-517 | 20   | Solid     | Extruded PFA             | Extruded PFA             |          | Std.            | 0.070 x 0.120         | 16                           |

### Duplex - ASTM/ANSI Type N

ASTM/ANSI Color Code: Negative Wire, Red: Positive Wire, Orange: Over-all Brown, with Tracer where possible.

#### Non Stock Wire

| CODE        | AWG. | CONDUCTOR | INSULATIONS                           |                                       |                     | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-------------|------|-----------|---------------------------------------|---------------------------------------|---------------------|-----------------|-----------------------|------------------------------|
|             |      |           | EACH CONDUCTOR                        | OUTER JACKET                          | OVER-ALL            |                 |                       |                              |
| N20-1-304   | 20   | Solid     | Glass braid                           | Glass braid                           |                     | Std.            | 0.059 x 0.097         | 8                            |
| N20-2-301   | 20   | Solid     | Vitreous silica fiber braid           | Vitreous silica fiber braid           |                     | Spl.            | 0.100 x 0.155         | 16                           |
| N24-1-304   | 24   | Solid     | Glass braid                           | Glass braid                           |                     | Std.            | 0.047 x 0.081         | 4                            |
| N20-1-S-304 | 20   | Solid     | Glass braid/Teflon® (TFE) impregnated | Glass braid/Teflon® (TFE) impregnated | Stainless overbraid | Std.            | 0.075 x 0.117         | 11                           |
| N20-1-S-307 | 20   | Solid     | Impregnated glass braid               | Glass braid                           | Stainless overbraid | Std.            | 0.095 x 0.138         | 13                           |