

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

Duplex - ASTM/ANSI Type J

ASTM/ANSI Color Code: Negative wire, red; Positive wire, white; Overall black. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|--------------------|-------------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| J14-6-502 | 14 | Solid | Polyvinyl | Polyvinyl | | Spl. | 0.130 x 0.226 | 37 |
| J16-5-303 | 16 | Solid | Enamel glass braid | Glass braid | | Std. | 0.100 x 0.160 | 18 |
| J16-7-155 | 16 | Strd. | ServTex | ServTex braid | | Std. | 0.188 x 0.260 | 31 |
| J16-7-515 | 16 | Strd. | ETFE | Twisted polyester | | Std. | 0.185 | 29 |
| J20-5-514 | 20 | Solid | ETFE | ETFE | ETFE | Std. | 0.080 x 0.130 | 10 |

Duplex - ASTM/ANSI Type KX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, yellow; Overall yellow. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|----------------|-------------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| K14-5-502 | 14 | Solid | Polyvinyl | Polyvinyl | | Std. | 0.130 x 0.226 | 38 |
| K16-7-515 | 16 | Strd. | ETFE | Twisted Polyester | ETFE | Std. | 0.185 | 30 |
| K20-5-514 | 20 | Solid | ETFE | ETFE | | Std. | 0.080 x 0.130 | 10 |

Duplex - ASTM/ANSI Type TX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, blue; Overall blue. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|----------------|--------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| T16-5-502 | 14 | Solid | Polyvinyl | Polyvinyl | | Std. | 0.111 x 0.188 | 38 |
| T20-7-502 | 16 | Strd. | Polyvinyl | Polyvinyl | | Std. | 0.108 x 0.185 | 30 |

Duplex - ASTM/ANSI Type EX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, purple; Overall purple. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|----------------|-------------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| E16-7-515 | 16 | Strd. | ETFE | Twisted polyester | ETFE | Std. | 0.185 | 30 |
| E20-5-502 | 20 | Solid | Polyvinyl | Polyvinyl | | Std. | 0.095 x 0.158 | 15 |

Duplex - ASTM/ANSI Type NX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, orange; Overall orange. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|----------------|-------------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| N20-5-510 | 20 | Solid | Polyvinyl | Twisted polyester | PVC | Std. | 0.170 | 20 |

Duplex - ASTM/ANSI Type SX and RX

ASTM/ANSI Color Code: Negative wire, red; Positive wire, black; Overall green; Compensating extension wire for ANSI Types R, S thermocouples. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|----------------|--------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| S24-5-304 | 24 | Solid | Glass Braid | Glass Braid | | Std. | 0.045 x 0.077 | 4 |

Tungsten/Tungsten Rhenium Type C

ASTM/ANSI Color Code: Negative wire, red; Positive wire, orange; Overall orange. Non-stock extension wire

| CODE | AWG. | CONDUCTOR | INSULATIONS | | | LIMITS OF ERROR | NOMINAL SIZE (inches) | WEIGHT per 1000 FT. (pounds) |
|-----------|------|-----------|----------------|--------------|---------|-----------------|-----------------------|------------------------------|
| | | | EACH CONDUCTOR | OUTER JACKET | OVERALL | | | |
| C24-5-304 | 24 | Solid | Glass Braid | Glass Braid | | Std. | 0.045 x 0.072 | 7 |