

# M22759

## PTFE Insulated Wire

### Insulation: Polytetrafluoroethylene Extruded

600 Volts

M22759/11— Silver Plated Copper — 200°C

M22759/12— Nickel Plated Copper — 260°C

1000 Volts

M22759/9— Silver Plated Copper — 200°C

M22759/10— Nickel Plated Copper — 260°C

| WIRE SIZE | STRANDING | DIAMETER OF CONDUCTOR (inches) |        | FINISHED WIRE  |                   |
|-----------|-----------|--------------------------------|--------|--|-------------------|
|           |           |                                |        | SPC/Resistance at 20°C (68°F) (ohms/1000 ft.) (max.) | DIAMETER (inches) |
|           |           | (min.)                         | (max.) |  |                   |
| 28        | 7 x 36    | .014                           | .015   | 63.8   | .031 - .035       |
| 26        | 19 x 38   | .018                           | .020   | 38.4   | .036 - .040       |
| 24        | 19 x 36   | .023                           | .025   | 24.3   | .041 - .045       |
| 22        | 19 x 34   | .029                           | .032   | 15.1   | .047 - .051       |
| 20        | 19 x 32   | .037                           | .040   | 9.19   | .056 - .060       |
| 18        | 19 x 30   | .046                           | .050   | 5.79   | .066 - .070       |
| 16        | 19 x 29   | .052                           | .057   | 4.52   | .073 - .077       |
| 14        | 19 x 27   | .065                           | .072   | 2.88   | .088 - .092       |
| 12        | 19 x 25   | .082                           | .090   | 1.81   | .108 - .114       |
| 10        | 37 x 26   | .106                           | .112   | 1.19   | .135 - .143       |

| WIRE SIZE | STRANDING | DIAMETER OF CONDUCTOR (inches) |        | FINISHED WIRE  |                   |
|-----------|-----------|--------------------------------|--------|--|-------------------|
|           |           |                                |        | NPC/Resistance at 20°C (68°F) (ohms/1000 ft.) (max.) | DIAMETER (inches) |
|           |           | (min.)                         | (max.) |  |                   |
| 28        | 7 x 36    | .014                           | .015   | 67.9   | .041 - .045       |
| 26        | 19 x 38   | .018                           | .020   | 42.2   | .046 - .050       |
| 24        | 19 x 36   | .023                           | .025   | 25.9   | .051 - .055       |
| 22        | 19 x 34   | .029                           | .032   | 16.0   | .058 - .062       |
| 20        | 19 x 32   | .037                           | .040   | 9.77   | .066 - .070       |
| 18        | 19 x 30   | .046                           | .050   | 6.10   | .076 - .080       |
| 16        | 19 x 29   | .052                           | .057   | 4.76   | .083 - .087       |
| 14        | 19 x 27   | .065                           | .072   | 3.00   | .097 - .103       |
| 12        | 19 x 25   | .082                           | .090   | 1.89   | .116 - .124       |
| 10        | 37 x 26   | .106                           | .112   | 1.24   | .137 - .145       |



Single wire inventory