

# XLPE Insulated material

## Style UL1914 Hook-up Wire

Internal wiring of electronic equipment.

### Description:

Conductor material of Tinned or Bare copper

Rated temperature 60 °C

Rated Voltage 30 V (Spark voltage 1500 V)

Flame resistance FT2

RoHS Compliant

### Specification:

| Gauge (AWG) | Number of Strands | Gauge of Strands (AWG) | Nom. Dia. of Stranded Conductor |       | Nom. Fin. Wire Diam. |      | Max. Resistance (dc at 20°C) Ohm/per |      | Nom. Wt.      |       |
|-------------|-------------------|------------------------|---------------------------------|-------|----------------------|------|--------------------------------------|------|---------------|-------|
|             |                   |                        | Inch                            | mm    | Inch                 | mm   | 1000-ft                              | Km   | LBS./1000 ft. | Kg/Km |
| 10          | 105               | 30                     | .1181                           | 3.00  | .1575                | 4.00 | 1.08                                 | 3.55 | 37.70         | 55.94 |
| 12          | 65                | 30                     | .0933                           | 2.37  | .1327                | 3.37 | 1.72                                 | 5.64 | 24.42         | 36.25 |
| 14          | 19                | 27                     | .0740                           | 1.88  | .1134                | 2.88 | 2.73                                 | 8.96 | 16.35         | 24.27 |
| 14          | 41                | 30                     | .0740                           | 1.88  | .1134                | 2.88 | 2.73                                 | 8.96 | 16.29         | 24.18 |
| 16          | 7                 | 25                     | .0591                           | 1.50  | .0906                | 2.30 | 4.45                                 | 14.6 | 10.74         | 15.93 |
| 16          | 26                | 30                     | .0591                           | 1.50  | .0906                | 2.30 | 4.45                                 | 14.6 | 10.35         | 15.36 |
| 16          | 19                | 29                     | .0591                           | 1.50  | .0906                | 2.30 | 4.45                                 | 14.6 | 10.49         | 15.59 |
| 18          | 1                 | 18                     | .0402                           | 1.02  | .0717                | 1.82 | 6.77                                 | 22.2 | 6.72          | 9.97  |
| 18          | 7                 | 26                     | .0465                           | 1.18  | .0780                | 1.98 | 7.06                                 | 23.2 | 7.03          | 10.44 |
| 18          | 16                | 30                     | .0465                           | 1.18  | .0780                | 1.98 | 7.06                                 | 23.2 | 6.87          | 10.21 |
| 18          | 19                | 31                     | .0465                           | 1.18  | .0780                | 1.98 | 7.06                                 | 23.2 | 6.96          | 10.33 |
| 20          | 1                 | 20                     | .0320                           | 0.813 | .0635                | 1.61 | 10.7                                 | 35.2 | 4.66          | 6.91  |
| 20          | 10                | 30                     | .0374                           | 0.95  | .0689                | 1.75 | 11.2                                 | 36.7 | 4.90          | 7.27  |
| 20          | 19                | 33                     | .0374                           | 0.95  | .0689                | 1.75 | 11.2                                 | 36.7 | 4.95          | 7.34  |
| 20          | 21                | 33                     | .0374                           | 0.95  | .0689                | 1.75 | 11.2                                 | 36.7 | 4.93          | 7.30  |
| 22          | 7                 | 30                     | .0299                           | 0.76  | .0614                | 1.56 | 18.1                                 | 59.4 | 3.37          | 5.54  |
| 22          | 17                | 34                     | .0299                           | 0.76  | .0614                | 1.56 | 18.1                                 | 59.4 | 3.51          | 5.22  |
| 24          | 11                | 34                     | .0240                           | 0.61  | .0555                | 1.41 | 28.7                                 | 94.2 | 2.61          | 3.85  |
| 26          | 7                 | 34                     | .0197                           | 0.50  | .0512                | 1.30 | 45.8                                 | 150  | 1.97          | 2.93  |
| 28          | 7                 | 36                     | .0154                           | 0.39  | .0469                | 1.19 | 72.8                                 | 239  | 1.52          | 2.26  |
| 30          | 1                 | 30                     | .0100                           | 0.254 | .0415                | 1.05 | 110                                  | 361  | 1.15          | 1.66  |

### Order reference:

Colors available: 0-Black, 1-Brown, 2-Red, 3-Orange, 4-Yellow, 5-Green, 6-Blue, 7-Violet, 8-Grey, 9-White, 5/4 – Green W/ Yellow

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items

Package: Stocked in Spools, Barrel Pack Available Per Request

Wire Processing: Cut, Strip, and Tinning Available