

## XLPE Insulated material

### Style UL10193 Hook-up Wire

Internal wiring of electronic equipment.

#### Description:

Conductor material of Tinned or Bare copper

Rated temperature 80 °C

Rated voltage 90 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  | .1496                | 3.80 | 1.08                                 | 3.55 | 36.39         | 54.14 |
| 12          | 65                | 30                     | .0933                           | 2.37  | .1248                | 3.17 | 1.72                                 | 5.64 | 23.35         | 34.74 |
| 14          | 41                | 30                     | .0740                           | 1.88  | .1055                | 2.68 | 2.73                                 | 8.96 | 15.39         | 22.90 |
| 16          | 7                 | 25                     | .0591                           | 1.50  | .0787                | 2.00 | 4.45                                 | 14.6 | 9.48          | 14.10 |
| 16          | 26                | 30                     | .0591                           | 1.50  | .0787                | 2.00 | 4.45                                 | 14.6 | 9.32          | 13.87 |
| 18          | 1                 | 18                     | .0402                           | 1.02  | .0598                | 1.52 | 6.77                                 | 22.2 | 5.93          | 8.82  |
| 18          | 16                | 30                     | .0465                           | 1.18  | .0661                | 1.68 | 7.06                                 | 23.2 | 6.01          | 8.94  |
| 18          | 7                 | 26                     | .0465                           | 1.18  | .0661                | 1.68 | 7.06                                 | 23.2 | 6.16          | 9.17  |
| 20          | 1                 | 20                     | .0320                           | 0.813 | .0517                | 1.31 | 10.7                                 | 35.2 | 3.96          | 5.90  |
| 20          | 10                | 30                     | .0374                           | 0.95  | .0571                | 1.45 | 11.2                                 | 36.7 | 4.14          | 6.16  |
| 20          | 21                | 33                     | .0374                           | 0.95  | .0571                | 1.45 | 11.2                                 | 36.7 | 4.16          | 6.19  |
| 22          | 7                 | 30                     | .0299                           | 0.76  | .0496                | 1.26 | 18.1                                 | 59.4 | 2.85          | 4.24  |
| 22          | 17                | 34                     | .0299                           | 0.76  | .0496                | 1.26 | 18.1                                 | 59.4 | 2.85          | 4.24  |
| 24          | 11                | 34                     | .0240                           | 0.61  | .0437                | 1.11 | 28.7                                 | 94.2 | 2.00          | 2.98  |
| 26          | 7                 | 34                     | .0197                           | 0.50  | .0394                | 1.00 | 45.8                                 | 150  | 1.43          | 2.13  |
| 28          | 7                 | 36                     | .0154                           | 0.39  | .0350                | 0.89 | 72.8                                 | 239  | 1.03          | 1.54  |
| 30          | 1                 | 30                     | .0100                           | 0.254 | .0297                | 0.75 | 110                                  | 361  | 0.70          | 1.04  |

#### 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