

# Lutze Electronic PLTC PVC, Unshielded

## Flexible Electronic Cable with UL/CSA/CE/PLTC Approvals



### Application

- **Industrial grade PLTC** electronic cable for machine tools, process instrumentation and controls, computer peripherals, HVAC technology, assembly and production lines, low voltage interconnect and other industrial applications including **installation in cable trays**

### Characteristics

- Flexible for easy installation
- Easy strip design
- Color coded conductors
- Specially formulated jacket for oil resistance
- Premium durability
- Extended temperature range
- **UL listed** and **NFPA 79** compliant

### Technical Data

|                   |  |
|-------------------|--|
| Voltage           | 300V   |
| Temperature       | -25°C - +105°C   |
| Bending radius    | 4 x cable OD   |
| Conductor marking | See tables   |
| Approvals         | UL Type PLTC<br>CMG<br>AWM Style 2464<br>UL VW-1<br>CSA FT4<br>AWM II A/B<br>CE<br>Meets NEC 725, 760, 800<br>Class I Div. 2 (PLTC use only)<br>Oil Res II<br>RoHS |

### Construction

- Flexible stranded tinned copper conductors
- PVC insulation
- Oil resistant gray premium PVC jacket

| Part No.              | Description<br>No. of conductors | OD - Ø<br>ca. mm | OD - Ø<br>inches | Weight<br>Lbs/Mft | Copper<br>Lbs/Mft |
|-----------------------|----------------------------------|------------------|------------------|-------------------|-------------------|
| <b>AWG 22 (19/34)</b> |                                  |                  |                  |                   |                   |
| A3032202              | 2                                | 4.4              | 0.172            | 20                | 4                 |
| A3032203              | 3                                | 4.6              | 0.180            | 24                | 7                 |
| A3032204              | 4                                | 4.9              | 0.193            | 28                | 9                 |
| A3032206              | 6                                | 5.6              | 0.222            | 38                | 14                |
| A3032208              | 8                                | 6.0              | 0.238            | 45                | 19                |
| A3032210              | 10                               | 7.2              | 0.282            | 55                | 24                |
| A3032215              | 15                               | 7.9              | 0.310            | 75                | 35                |
| A3032220              | 20                               | 8.7              | 0.341            | 93                | 47                |
| A3032225              | 25                               | 10.4             | 0.408            | 124               | 59                |
| <b>AWG 20 (19/32)</b> |                                  |                  |                  |                   |                   |
| A3032002              | 2                                | 4.9              | 0.195            | 27                | 7                 |
| A3032003              | 3                                | 5.2              | 0.204            | 35                | 11                |
| A3032004              | 4                                | 5.6              | 0.220            | 41                | 15                |
| A3032006              | 6                                | 6.5              | 0.254            | 58                | 22                |
| A3032008              | 8                                | 7.2              | 0.282            | 76                | 30                |
| A3032010              | 10                               | 8.2              | 0.323            | 94                | 37                |
| A3032015              | 15                               | 11.3             | 0.446            | 136               | 56                |
| A3032020              | 20                               | 12.7             | 0.500            | 182               | 75                |
| A3032025              | 25                               | 14.0             | 0.551            | 222               | 94                |

### Color Code Table AWG 22

|     |                    |
|-----|--------------------|
| 1-  | Black              |
| 2-  | Brown              |
| 3-  | Red                |
| 4-  | Orange             |
| 5-  | Yellow             |
| 6-  | Green              |
| 7-  | Blue               |
| 8-  | Purple             |
| 9-  | Gray               |
| 10- | White              |
| 11- | White Black        |
| 12- | White Brown        |
| 13- | White Red          |
| 14- | White Orange       |
| 15- | White Yellow       |
| 16- | White Green        |
| 17- | White Blue         |
| 18- | White Purple       |
| 19- | White Gray         |
| 20- | White Black Brown  |
| 21- | White Black Red    |
| 22- | White Black Orange |
| 23- | White Black Yellow |
| 24- | White Black Green  |
| 25- | White Black Blue   |

### Color Code Table AWG 20

|     |                 |
|-----|-----------------|
| 1-  | Black           |
| 2-  | Red             |
| 3-  | White           |
| 4-  | Green           |
| 5-  | Orange          |
| 6-  | Blue            |
| 7-  | Brown           |
| 8-  | Yellow          |
| 9-  | Purple          |
| 10- | Gray            |
| 11- | Pink            |
| 12- | Tan             |
| 13- | Red Green       |
| 14- | Red Yellow      |
| 15- | Red Black       |
| 16- | White Black     |
| 17- | White Red       |
| 18- | White Green     |
| 19- | White Yellow    |
| 20- | White Blue      |
| 21- | White Brown     |
| 22- | White Orange    |
| 23- | White Gray      |
| 24- | White Purple    |
| 25- | White Black Red |

Specifications are subject to change without prior notice