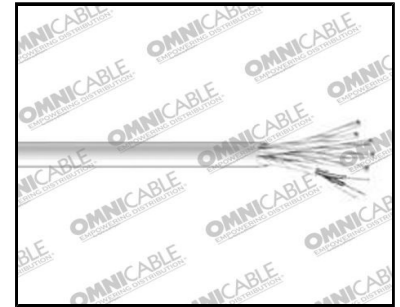


## 20 AWG – 7×28 Stranded Tinned Copper – Polyethylene

Twisted Pairs - 30 Volt  
 Individually Shielded  
 Polyethylene Insulation



\*Product images are for illustrative purposes only and may differ from the actual product.

### Category Conductor Description:

- Stranded tinned copper

### Category Insulation Description:

- Polyethylene (PE)

### Shield Drain:

- Each pair individually shielded with aluminum-polyester shield and 22 AWG stranded tinned copper drain wire

### Category Jacket Description:

- Gray, Polyvinyl Chloride (PVC)

### Applications:

- Allow balanced signal transmission which results in lower crosstalk through common mode rejection
- Recommended for audio, pulse, and radio frequency applications requiring superior circuit isolation
- Permits higher data speeds than multi-conductor cables

### Standards:

- UL Listed: 80°C
- Voltage: 30 Volt

| Color Code Chart |                |        |                 |
|------------------|----------------|--------|-----------------|
| Cond #           | Color          | Cond # | Color           |
| 1                | Black & Red    | 31     | Purple & White  |
| 2                | Black & White  | 32     | Purple & Green  |
| 3                | Black & Green  | 33     | Purple & Blue   |
| 4                | Black & Blue   | 34     | Purple & Yellow |
| 5                | Black & Yellow | 35     | Purple & Brown  |
| 6                | Black & Brown  | 36     | Purple & Black  |
| 7                | Black & Orange | 37     | Gray & White    |
| 8                | Red & White    |        |                 |
| 9                | Red & Green    |        |                 |

|    |                 |  |  |
|----|-----------------|--|--|
| 10 | Red & Blue      |  |  |
| 11 | Red & Yellow    |  |  |
| 12 | Red & Brown     |  |  |
| 13 | Red & Orange    |  |  |
| 14 | Green & White   |  |  |
| 15 | Green & Blue    |  |  |
| 16 | Green & Yellow  |  |  |
| 17 | Green & Brown   |  |  |
| 18 | Green & Orange  |  |  |
| 19 | White & Blue    |  |  |
| 20 | White & Yellow  |  |  |
| 21 | White & Brown   |  |  |
| 22 | White & Orange  |  |  |
| 23 | Blue & Yellow   |  |  |
| 24 | Blue & Brown    |  |  |
| 25 | Blue & Orange   |  |  |
| 26 | Brown & Yellow  |  |  |
| 27 | Brown & Orange  |  |  |
| 28 | Orange & Yellow |  |  |
| 29 | Purple & Orange |  |  |
| 30 | Purple & Red    |  |  |

**Part Number Table**

| <b>Part#</b> | <b>Gauge</b> | <b>Pairs</b> | <b>Stranding</b> | <b>Outside Diameter Inches</b> | <b>Nominal Capacitance A</b> | <b>Nominal Capacitance B</b> | <b>Material Weight (Lbs./M')</b> |
|--------------|--------------|--------------|------------------|--------------------------------|------------------------------|------------------------------|----------------------------------|
| D32003       | 20           | 3            | 7x28 TC          | 0.341                          | 30                           | 55                           | 67                               |
| D32006       | 20           | 6            | 7x28 TC          | 0.445                          | 30                           | 55                           | 125                              |
| D32009       | 20           | 9            | 7x28 TC          | 0.555                          | 30                           | 55                           | 187                              |
| D32011       | 20           | 11           | 7x28 TC          | 0.617                          | 30                           | 55                           | 205                              |
| D32012       | 20           | 12           | 7x28 TC          | 0.617                          | 30                           | 55                           | 219                              |
| D32015       | 20           | 15           | 7x28 TC          | 0.689                          | 30                           | 55                           | 265                              |

\* Capacitance between conductors \*\* Capacitance between one conductor and other conductors connected to shield Note: The data shown is approximate and subject to standard industry and manufacturer tolerances

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