



PLTC TRIAD ST/OS 20AWG – 16AWG

Application: Power limited tray cables (PLTC) are used in ducts, trays and conduit audio, intercom, alarm and other 300 volt instrumentation circuits. Shielding provides protection from electrostatic noise and crosstalk. Rated for Class 1, Div 2 hazardous locations.

Conductor: Stranded bare copper

Insulation: PVC

Shield: Individually shielded triads Overall shield

Jacket: PVC

Flame Test: IEEE 1202/FT4 70,000 BTU/hour flame test

Color Code: Black, white and red for triads with printed numbers, Black, white and red for triads with printed numbers

| DWC Part # | AWG Size | # of Triads | Insulation Thickness In Mils | Jacket Thickness In Mils | O.D. Inch | Weight Lbs/M |
|--------------|----------|-------------|------------------------------|--------------------------|-----------|--------------|
| 2001TOSPLTC | 20 | 1 | 15 | 35 | 0.22 | 30 |
| 2004STOSPLTC | 20 | 4 | 15 | 50 | 0.5 | 136 |
| 2008STOSPLTC | 20 | 8 | 15 | 50 | 0.65 | 214 |
| 2012STOSPLTC | 20 | 12 | 15 | 60 | 0.78 | 338 |
| 2016STOSPLTC | 20 | 16 | 15 | 60 | 0.86 | 428 |
| 2024STOSPLTC | 20 | 24 | 15 | 70 | 1.1 | 591 |
| 2036STOSPLTC | 20 | 36 | 15 | 70 | 1.22 | 887 |
| 1801TOSPLTC | 18 | 1 | 15 | 35 | 0.26 | 41 |
| 1804STOSPLTC | 18 | 4 | 15 | 50 | 0.54 | 134 |
| 1808STOSPLTC | 18 | 8 | 15 | 60 | 0.74 | 293 |
| 1812STOSPLTC | 18 | 12 | 15 | 60 | 0.86 | 332 |
| 1816STOSPLTC | 18 | 16 | 15 | 70 | 0.97 | 420 |
| 1824STOSPLTC | 18 | 24 | 15 | 70 | 1.21 | 768 |
| 1601TOSPLTC | 16 | 1 | 15 | 35 | 0.29 | 54 |
| 1604STOSPLTC | 16 | 4 | 15 | 50 | 0.61 | 229 |
| 1608STOSPLTC | 16 | 8 | 15 | 60 | 0.82 | 395 |
| 1612STOSPLTC | 16 | 12 | 15 | 70 | 0.98 | 621 |
| 1616STOSPLTC | 16 | 16 | 15 | 70 | 1.09 | 794 |
| 1624STOSPLTC | 16 | 24 | 15 | 80 | 1.39 | 1085 |

Product details and specifications are subject to manufacturing variations and accepted industry tolerances. Please contact your DWC Account Manager with questions, or to confirm any specific product requirements.

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