



18 AWG FT6 600V - Unshielded & Overall Shielded Multi-Conductors & Pairs

| Multi | Part No. | Conductor Count | Shielding | Insulation Thickness | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | |
|-------|-------------|-----------------|-----------|----------------------|------|------------|-----|--------------|-------|---------------------|----|-----------------|-----|
| | | | | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm |
| | 6101803TPV6 | 3 | no | 0.008 | 0.20 | 0.170 | 4.3 | 84 | 38 | 39 | 18 | 2.4 | 60 |
| | 6101804TPV6 | 4 | no | 0.008 | 0.20 | 0.184 | 4.7 | 108 | 39 | 52 | 24 | 2.6 | 66 |
| | 6101805TPV6 | 5 | no | 0.008 | 0.20 | 0.192 | 5.0 | 133 | 57 | 65 | 29 | 2.7 | 70 |
| | 6101806TPV6 | 6 | no | 0.008 | 0.20 | 0.212 | 5.4 | 160 | 65 | 78 | 35 | 3.0 | 75 |
| | 6101807TPV6 | 7 | no | 0.008 | 0.20 | 0.227 | 5.8 | 185 | 75 | 91 | 41 | 3.2 | 81 |
| | 6101808TPV6 | 8 | no | 0.008 | 0.20 | 0.246 | 6.1 | 211 | 85 | 104 | 47 | 3.4 | 85 |
| | 6101809TPV6 | 9 | no | 0.008 | 0.20 | 0.258 | 6.4 | 236 | 97 | 117 | 53 | 3.6 | 90 |
| | 6101810TPV6 | 10 | no | 0.008 | 0.20 | 0.265 | 6.7 | 261 | 110 | 130 | 59 | 3.7 | 94 |
| | 5151802TPV6 | 2 | yes | 0.008 | 0.20 | 0.139 | 3.5 | 19 | 28 | 26 | 12 | 1.9 | 49 |
| | 5151803TPV6 | 3 | yes | 0.008 | 0.20 | 0.173 | 4.4 | 27 | 40 | 39 | 18 | 2.4 | 62 |
| | 5151804TPV6 | 4 | yes | 0.008 | 0.20 | 0.194 | 4.9 | 38 | 56 | 52 | 24 | 2.7 | 69 |
| | 5151805TPV6 | 5 | yes | 0.008 | 0.20 | 0.220 | 5.6 | 44 | 65 | 65 | 29 | 3.1 | 78 |
| | 5151806TPV6 | 6 | yes | 0.008 | 0.20 | 0.233 | 5.9 | 47 | 70 | 78 | 35 | 3.3 | 83 |
| | 5151807TPV6 | 7 | yes | 0.008 | 0.20 | 0.237 | 6.0 | 57 | 85 | 91 | 41 | 3.3 | 84 |
| | 5151808TPV6 | 8 | yes | 0.008 | 0.20 | 0.253 | 6.4 | 60 | 90 | 104 | 47 | 3.5 | 90 |
| | 5151809TPV6 | 9 | yes | 0.008 | 0.20 | 0.278 | 7.1 | 69 | 103 | 117 | 53 | 3.9 | 99 |
| | 5151810TPV6 | 10 | yes | 0.008 | 0.20 | 0.295 | 7.5 | 77 | 114 | 130 | 59 | 4.1 | 105 |

| Pairs | Part No. | Number of Pairs | Shielding | Insulation Thickness | | Cable O.D. | | Cable Weight | | Max Pulling Tension | | Min Bend Radius | |
|-------|-------------|-----------------|-----------|----------------------|------|------------|------|--------------|-------|---------------------|----|-----------------|-----|
| | | | | in | mm | in | mm | lbs/Mft | kg/km | lbs | kg | in | mm |
| | 6101851TPV6 | 1 | no | 0.008 | 0.20 | 0.136 | 3.5 | 16 | 24 | 26 | 12 | 1.9 | 48 |
| | 5151852TPV6 | 2 | yes | 0.008 | 0.20 | 0.271 | 6.9 | 44 | 66 | 52 | 24 | 3.8 | 96 |
| | 5151853TPV6 | 3 | yes | 0.008 | 0.20 | 0.355 | 9.0 | 61 | 91 | 78 | 35 | 5.0 | 126 |
| | 5151854TPV6 | 4 | yes | 0.008 | 0.20 | 0.390 | 9.9 | 73 | 108 | 104 | 47 | 5.5 | 139 |
| | 5151856TPV6 | 6 | yes | 0.008 | 0.20 | 0.470 | 11.9 | 108 | 160 | 156 | 71 | 6.6 | 167 |

Dimensions and weights are nominal and subject to change without notice.

Specifications and Compliances

- CSA C22.2 No. 214/UL 444, Communication Cables (Type CMP)
- CSA C22.2 No. 210, Appliance Wiring Material (Type AWM I/II A/B)
- NFPA 262, Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces
- CSA C22.2 No. 2556 FT6, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated

Conductor Stranded tinned soft copper, ASTM B8, B33

Insulation Polyvinyl Chloride (PVC), 75°C

Shielding Overall Shield with Tinned Copper Drain Wire

Jacket Polyvinyl Chloride (PVC)

Applications

- For use in Class 2 circuits, communication, appliance wiring and power limited circuits where not subject to mechanical damage.
- For data processing and similar system connections and inter-connections installed under raised floors as per CE Code Part I 12-020 and NEC 725.154(A).
- For use indoors in raceways; dry or damp locations, in ceiling air-handling plenums, exposed and concealed wiring.

