

# FT6

Tinned Copper  
600V

# ElectroCom®



## 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. 210, Appliance Wiring Material (Type AWM I/II A/B 300V or 600V)
- CSA C22.2 No. 214, Communication Cables (Type CMP)
- UL 444, Communication Cables (Type CMP)
- NFPA 262, Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces

**Conductor** Stranded Tinned Soft Copper, ASTM 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 (CE Code Part I) circuits in exposed or concealed wiring or use in raceways, in dry or damp locations where not subject to mechanical damage.
- For use in communication circuits when exposed, concealed, or used in raceways; indoors in dry or damp locations; or in ceiling air-handling plenums.

