

# FT 4

Tinned Copper  
600V

# ElectroCom®



## 18 AWG FT4 600V - Overall Shielded Multi-Conductors & Pairs

| Multi | Part No.    | Conductor Count | 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  |
|       | 5151802TFT4 | 2               | 0.012                | 0.30 | 0.199      | 5.1  | 23           | 35    | 26                  | 12  | 2.8             | 71  |
|       | 5151803TFT4 | 3               | 0.012                | 0.30 | 0.209      | 5.3  | 31           | 45    | 39                  | 18  | 2.9             | 74  |
|       | 5151804TFT4 | 4               | 0.012                | 0.30 | 0.227      | 5.8  | 38           | 56    | 52                  | 23  | 3.2             | 81  |
|       | 5151805TFT4 | 5               | 0.012                | 0.30 | 0.247      | 6.3  | 45           | 67    | 65                  | 29  | 3.5             | 88  |
|       | 5151806TFT4 | 6               | 0.012                | 0.30 | 0.258      | 6.6  | 52           | 77    | 78                  | 35  | 3.6             | 92  |
|       | 5151807TFT4 | 7               | 0.012                | 0.30 | 0.267      | 6.8  | 59           | 88    | 91                  | 41  | 3.7             | 95  |
|       | 5151808TFT4 | 8               | 0.012                | 0.30 | 0.298      | 7.6  | 67           | 99    | 104                 | 47  | 4.2             | 106 |
|       | 5151809TFT4 | 9               | 0.012                | 0.30 | 0.310      | 7.9  | 74           | 111   | 116                 | 53  | 4.3             | 110 |
|       | 5151810TFT4 | 10              | 0.012                | 0.30 | 0.334      | 8.5  | 82           | 122   | 129                 | 59  | 4.7             | 119 |
|       | 5151812TFT4 | 12              | 0.012                | 0.30 | 0.361      | 9.2  | 96           | 142   | 155                 | 70  | 5.1             | 128 |
|       | 5151815TFT4 | 15              | 0.012                | 0.30 | 0.388      | 9.9  | 120          | 179   | 194                 | 88  | 5.4             | 138 |
|       | 5151819TFT4 | 19              | 0.012                | 0.30 | 0.458      | 11.6 | 155          | 230   | 246                 | 112 | 6.4             | 163 |
|       | 5151825TFT4 | 25              | 0.012                | 0.30 | 0.512      | 13.0 | 196          | 291   | 323                 | 147 | 7.2             | 182 |

| Pairs | Part No.    | Number of Pairs | 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  |
|       | 5151851TFT4 | 1               | 0.012                | 0.30 | 0.191      | 4.9  | 22           | 33    | 26                  | 12  | 2.7             | 68  |
|       | 5151852TFT4 | 2               | 0.012                | 0.30 | 0.271      | 6.9  | 44           | 66    | 52                  | 23  | 3.8             | 96  |
|       | 5151853TFT4 | 3               | 0.012                | 0.30 | 0.355      | 9.0  | 61           | 91    | 78                  | 35  | 5.0             | 126 |
|       | 5151854TFT4 | 4               | 0.012                | 0.30 | 0.390      | 9.9  | 73           | 108   | 104                 | 47  | 5.5             | 139 |
|       | 5151856TFT4 | 6               | 0.012                | 0.30 | 0.470      | 11.9 | 108          | 160   | 155                 | 70  | 6.6             | 167 |
|       | 5151859TFT4 | 9               | 0.012                | 0.30 | 0.552      | 14.0 | 146          | 217   | 233                 | 106 | 7.7             | 196 |
|       | 5151862TFT4 | 12              | 0.012                | 0.30 | 0.625      | 15.9 | 204          | 303   | 311                 | 141 | 8.8             | 222 |
|       | 5151865TFT4 | 15              | 0.012                | 0.30 | 0.679      | 17.3 | 229          | 341   | 388                 | 176 | 9.5             | 242 |
|       | 5151869TFT4 | 19              | 0.012                | 0.30 | 0.740      | 18.8 | 284          | 422   | 492                 | 223 | 10.4            | 263 |
|       | 5151875TFT4 | 25              | 0.012                | 0.30 | 0.910      | 23.1 | 448          | 667   | 647                 | 293 | 12.7            | 324 |

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

### Specifications and Compliances

- CSA C22.2 No. 214/UL 444, Communication Cables (Type CMG)
- CSA C22.2 No. 210, Appliance Wiring Material (Type AWM I/II A/B)
- CSA C22.2 No. 2556 FT4, UL 1685 Vertical-Tray Flame Test
- IEEE 383 & 1202, ICEA T-30-520 (70,000 BTU/hr) Vertical Flame Test rated
- Sunlight Resistant, SUN RES.

### Conductor

Stranded tinned soft copper, ASTM B8, B33

### Insulation

Polyvinyl Chloride (SRPVC), 105°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, exposed and concealed wiring.

