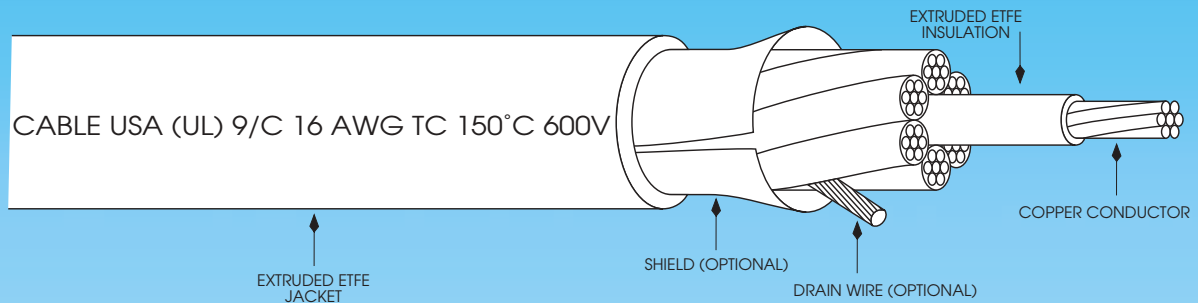


ETFE INSULATED TRAY CABLE Type TC



600V



STANDARDS : UL 1277/conforms to type TC. NEC code articles 318 & 340. Exceeds IEEE 383 flame test. Passes UL VW-1 verticle wire flame propagation. OSHA acceptable. UL / File #E138012.

Benefits:

- Chemical deterioration.
- High temperature protection.
- Remains flexible in Artic temps.
- Protects from abusive mechanical damage.
- Excellent resistance to cut through, crush & abrasion.
- Easy cable pulls.

Product Features:

- ETFE insulation.
- 150°C temperature rating.
- 600V, 90°C damp or dry 150°C special applications.
- Multi-conductor.
- Class I Division 2 rated.

COMPONENTS:

- Conductors:** Solid or stranded coated or uncoated soft annealed copper Class B,C, or D per ASTM B-33.
- Primary Insulation:** Extruded ETFE-(Ethylene Tetrafluoroethylene) Fluoropolymer.
- Color Code:** ICEA S-61-402 Method 1 is standard, (fully pigmented base color conductors 1-6 with tracers after the 6th conductor). Other color codes are available and must be specified.
- Shielding:** Aluminum backed with mylar film with drain wires available for pairs, triads or as an overall shield providing 100% coverage. An optional tin-plated copper braid shield is available overall.
- Cable Binder:** Overall mylar or PTFE coated glass tape may be applied over the cable core assembly.
- Overall Jacket:** Extruded ETFE-(Ethylene Tetrafluoroethylene) Fluoropolymer. Optional Cableclad galvanized steel or aluminum interlocked armor available with or without jacket.

OPTIONS:

- Shielding.
- Drain Wire.
- GIA/AIA armor.

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150°C

High Temperature Custom Engineered Cables

ETFE INSULATED TRAY CABLE

Type TC



600V

CABLE USA MULTI-CONDUCTOR UL LISTED TRAY CABLE (UNSHIELDED)

| Part Number | Conductor Size | | No. of Cond. | Primary Wall | | Core O.D. | | Jkt | | Nominal O.D. | | Approx. Net Weight | |
|-------------|----------------|-----|--------------|--------------|-----|-----------|------|------|------|--------------|------|--------------------|-------|
| | AWG | MM2 | | MILS | MM | MILS | MM | MILS | MM | IN. | MM | #/MFT | KG/KM |
| 181802C6 | 18 | .75 | 2 | 15 | .38 | 152 | 3.9 | .030 | .76 | .212 | 5.4 | 27 | 40 |
| 181803C6 | 18 | .75 | 3 | 15 | .38 | 164 | 4.2 | .030 | .76 | .224 | 5.7 | 36 | 54 |
| 181804C6 | 18 | .75 | 4 | 15 | .38 | 183 | 4.6 | .030 | .76 | .243 | 6.2 | 44 | 65 |
| 181805C6 | 18 | .75 | 5 | 15 | .38 | 205 | 5.2 | .030 | .76 | .265 | 6.7 | 53 | 79 |
| 181807C6 | 18 | .75 | 7 | 15 | .38 | 228 | 5.8 | .030 | .76 | .288 | 7.3 | 70 | 104 |
| 181809C6 | 18 | .75 | 9 | 15 | .38 | 278 | 7.1 | .030 | .76 | .338 | 8.6 | 89 | 132 |
| 181812C6 | 18 | .75 | 12 | 15 | .38 | 319 | 8.1 | .030 | .76 | .379 | 9.6 | 114 | 170 |
| 181816C6 | 18 | .75 | 16 | 15 | .38 | 360 | 9.1 | .030 | .76 | .420 | 10.7 | 146 | 217 |
| 181819C6 | 18 | .75 | 19 | 15 | .38 | 383 | 9.7 | .030 | .76 | .443 | 11.3 | 170 | 253 |
| 181825C6 | 18 | .75 | 25 | 15 | .38 | 453 | 11.5 | .045 | 1.14 | .543 | 13.8 | 238 | 354 |
| 181837C6 | 18 | .75 | 37 | 15 | .38 | 535 | 13.6 | .045 | 1.14 | .625 | 15.9 | 335 | 499 |
| 181602C6 | 16 | 1.5 | 2 | 15 | .38 | 176 | 4.5 | .030 | .76 | .236 | 6.0 | 36 | 54 |
| 181603C6 | 16 | 1.5 | 3 | 15 | .38 | 190 | 4.8 | .030 | .76 | .250 | 6.4 | 48 | 71 |
| 181604C6 | 16 | 1.5 | 4 | 15 | .38 | 212 | 5.4 | .030 | .76 | .272 | 6.9 | 60 | 89 |
| 181605C6 | 16 | 1.5 | 5 | 15 | .38 | 238 | 6.0 | .030 | .76 | .298 | 7.6 | 73 | 109 |
| 181607C6 | 16 | 1.5 | 7 | 15 | .38 | 264 | 6.7 | .030 | .76 | .324 | 8.2 | 96 | 143 |
| 181609C6 | 16 | 1.5 | 9 | 15 | .38 | 322 | 8.2 | .030 | .76 | .382 | 9.7 | 123 | 183 |
| 181612C6 | 16 | 1.5 | 12 | 15 | .38 | 369 | 9.4 | .030 | .76 | .429 | 10.9 | 159 | 237 |
| 181616C6 | 16 | 1.5 | 16 | 15 | .38 | 417 | 10.6 | .030 | 1.14 | .477 | 12.1 | 205 | 305 |
| 181619C6 | 16 | 1.5 | 19 | 15 | .38 | 443 | 11.3 | .045 | 1.14 | .533 | 13.5 | 258 | 384 |
| 181625C6 | 16 | 1.5 | 25 | 15 | .38 | 524 | 13.3 | .045 | 1.14 | .614 | 15.6 | 331 | 493 |
| 181637C6 | 16 | 1.5 | 37 | 15 | .38 | 619 | 15.7 | .045 | 1.14 | .709 | 18.0 | 471 | 701 |
| 181402C6 | 14 | 2.5 | 2 | 15 | .38 | 206 | 5.2 | .030 | .76 | .266 | 6.8 | 49 | 73 |
| 181403C6 | 14 | 2.5 | 3 | 15 | .38 | 222 | 5.6 | .030 | .76 | .282 | 7.2 | 66 | 98 |
| 181404C6 | 14 | 2.5 | 4 | 15 | .38 | 248 | 6.3 | .030 | .76 | .308 | 7.8 | 84 | 125 |
| 181405C6 | 14 | 2.5 | 5 | 15 | .38 | 278 | 7.1 | .030 | .76 | .338 | 8.6 | 103 | 153 |
| 181407C6 | 14 | 2.5 | 7 | 15 | .38 | 309 | 7.8 | .030 | .76 | .369 | 9.4 | 137 | 204 |
| 181409C6 | 14 | 2.5 | 9 | 15 | .38 | 376 | 9.6 | .030 | .76 | .436 | 11.1 | 175 | 260 |
| 181412C6 | 14 | 2.5 | 12 | 15 | .38 | 431 | 10.9 | .045 | 1.14 | .521 | 13.2 | 246 | 366 |
| 181416C6 | 14 | 2.5 | 16 | 15 | .38 | 487 | 12.4 | .045 | 1.14 | .577 | 14.7 | 316 | 470 |
| 181419C6 | 14 | 2.5 | 19 | 15 | .38 | 518 | 13.3 | .045 | 1.14 | .608 | 15.4 | 368 | 548 |
| 181425C6 | 14 | 2.5 | 25 | 15 | .38 | 613 | 15.6 | .045 | 1.14 | .703 | 17.9 | 476 | 708 |
| 181437C6 | 14 | 2.5 | 37 | 15 | .38 | 724 | 18.4 | .060 | 1.52 | .844 | 21.4 | 711 | 1058 |
| 181202C6 | 12 | 4 | 2 | 15 | .38 | 238 | 6.0 | .030 | .76 | .298 | 7.6 | 68 | 101 |
| 181203C6 | 12 | 4 | 3 | 15 | .38 | 257 | 6.5 | .030 | .76 | .317 | 8.1 | 93 | 138 |
| 181204C6 | 12 | 4 | 4 | 15 | .38 | 287 | 7.3 | .030 | .76 | .347 | 8.8 | 120 | 179 |
| 181205C6 | 12 | 4 | 5 | 15 | .38 | 321 | 8.2 | .030 | .76 | .381 | 9.7 | 147 | 219 |
| 181207C6 | 12 | 4 | 7 | 15 | .38 | 357 | 9.1 | .030 | .76 | .417 | 10.6 | 198 | 295 |
| 181209C6 | 12 | 4 | 9 | 15 | .38 | 434 | 11.0 | .045 | 1.14 | .524 | 13.3 | 271 | 403 |
| 181212C6 | 12 | 4 | 12 | 15 | .38 | 498 | 12.6 | .045 | 1.14 | .588 | 14.9 | 352 | 524 |
| 181216C6 | 12 | 4 | 16 | 15 | .38 | 562 | 14.3 | .045 | 1.14 | .652 | 16.6 | 457 | 680 |
| 181219C6 | 12 | 4 | 19 | 15 | .38 | 598 | 15.2 | .045 | 1.14 | .688 | 17.5 | 534 | 795 |
| 181002C6 | 10 | 6 | 2 | 20 | .51 | 304 | 7.7 | .030 | .76 | .364 | 9.2 | 102 | 152 |
| 181003C6 | 10 | 6 | 3 | 20 | .51 | 328 | 8.3 | .030 | .76 | .388 | 9.86 | 143 | 213 |
| 181004C6 | 10 | 6 | 4 | 20 | .51 | 366 | 9.3 | .030 | .76 | .426 | 10.8 | 185 | 275 |
| 181005C6 | 10 | 6 | 5 | 20 | .51 | 410 | 10.4 | .030 | .76 | .470 | 11.9 | 227 | 338 |
| 180802C6 | 8 | 10 | 2 | 25 | .64 | 424 | 10.8 | .045 | 1.14 | .484 | 12.3 | 163 | 243 |
| 180803C6 | 8 | 10 | 3 | 25 | .64 | 458 | 11.6 | .045 | 1.14 | .548 | 13.9 | 250 | 372 |
| 180804C6 | 8 | 10 | 4 | 25 | .64 | 511 | 13.0 | .045 | 1.14 | .601 | 15.3 | 321 | 478 |
| 180805C6 | 8 | 10 | 5 | 25 | .64 | 572 | 14.5 | .045 | 1.14 | .662 | 16.8 | 394 | 586 |
| 180602C6 | 6 | 16 | 2 | 25 | .64 | 508 | 12.9 | .045 | 1.14 | .598 | 15.2 | 258 | 384 |
| 180603C6 | 6 | 16 | 3 | 25 | .64 | 549 | 13.9 | .045 | 1.14 | .639 | 16.2 | 362 | 539 |
| 180604C6 | 6 | 16 | 4 | 25 | .64 | 612 | 15.5 | .045 | 1.14 | .702 | 17.8 | 469 | 698 |
| 180605C6 | 6 | 16 | 5 | 25 | .64 | 686 | 17.4 | .060 | 1.52 | .776 | 19.7 | 576 | 857 |

Larger sizes, number of conductors and ground wires are available upon request.

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