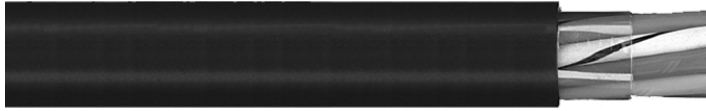


TRAY CABLE



- ▶ **Multi-Conductor**
- ▶ **FR-EPR**
- ▶ **CPE**
- ▶ **Type TC-ER**
- ▶ **600V**

PRODUCT CONSTRUCTION

Conductor: 10 AWG fully annealed, stranded, tinned copper per ASTM B33. Class B stranding per ASTM B8.

Insulation: Flame-retardant Ethylene Propylene Rubber (FR-EPR) Type II. Color-coded per ICEA Method 1, Table E2 (does not include white or green).

Jacket: Lead-free, flame-retardant thermoplastic Chlorinated Polyethylene (CPE).

APPLICATIONS

In free air, raceways or direct burial. In wet or dry locations. For use in Class 1, Division 2 industrial hazardous locations per NEC. Permitted for Exposed Run (ER) use in accordance with NEC for three or more conductors.

FEATURES

Rated at 90°C wet or dry. Excellent physical, thermal and electrical properties. Excellent resistance to moisture and flame. Sunlight- and weather-resistant. Meets cold bend test at -40°C.

COMPLIANCES

Industry: UL 44 Type XHHW-2. UL 1277 Type TC-ER for three or more conductors. UL 1581. ICEA S-73-532/NEMA WC57.

Flame Test: UL 1581/UL 2556 VW-1. UL 1685 Vertical Flame Test. IEEE 383. IEEE 1202. CSA FT4. ICEA T-29-520.

Other: EPA 40 CFR, Part 261, for leachable lead content per TCLP. OSHA acceptable.

#10 AWG – 7 Strand

| USAWC Part # | No. of Conductors | Overall CPE Jacket (Mils) | Nom. Diam. (Inches) | Approx. Net Wt. (lbs./1000 ft.) | Copper Weight (lbs./1000 ft.) |
|-------------------|-------------------|---------------------------|---------------------|---------------------------------|-------------------------------|
| USA10-02FREPCPETC | 2 | 45 | .28 x.46 | 117 | 65 |
| USA10-03FREPCPETC | 3 | 45 | .49 | 167 | 100 |
| USA10-04FREPCPETC | 4 | 60 | .57 | 230 | 134 |
| USA10-05FREPCPETC | 5 | 60 | .62 | 280 | 167 |
| USA10-07FREPCPETC | 7 | 60 | .67 | 370 | 234 |
| USA10-09FREPCPETC | 9 | 60 | .79 | 455 | 295 |
| USA10-10FREPCPETC | 10 | 80 | .90 | 550 | 320 |
| USA10-12FREPCPETC | 12 | 80 | .93 | 640 | 402 |
| USA10-16FREPCPETC | 16 | 80 | 1.03 | 820 | 512 |
| USA10-19FREPCPETC | 19 | 80 | 1.08 | 965 | 608 |
| USA10-20FREPCPETC | 20 | 80 | 1.14 | 1010 | 640 |
| USA10-25FREPCPETC | 25 | 80 | 1.26 | 1235 | 800 |
| USA10-37FREPCPETC | 37 | 80 | 1.44 | 1775 | 1184 |

Notes: 1. All cables available with bare or covered grounding indicator.

2. Standard color coding is ICEA Method E-2 for NEC applications per ICEA S-73-532. This color coding method omits white and green from the color sequence. A white or green conductor can be supplied on request, Method E-1.