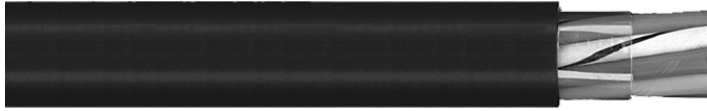


# TRAY CABLE



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

## PRODUCT CONSTRUCTION

**Conductor:** 12 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.

### #12 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.)
USA12-02FREPCPETC	2	45	.25 x.41	85	41
USA12-03FREPCPETC	3	45	.44	120	64
USA12-03WGFREPCPETC	3+ Grnd	45	.44	148	85
USA12-04FREPCPETC	4	45	.48	154	85
USA12-05FREPCPETC	5	45	.53	190	106
USA12-07FREPCPETC	7	60	.60	265	149
USA12-09FREPCPETC	9	60	.70	340	191
USA12-10FREPCPETC	10	60	.77	370	210
USA12-12FREPCPETC	12	60	.79	430	247
USA12-16FREPCPETC	16	80	.92	570	336
USA12-19FREPCPETC	19	80	.96	675	391
USA12-20FREPCPETC	20	80	1.01	710	420
USA12-25FREPCPETC	25	80	1.12	890	515
USA12-37FREPCPETC	37	80	1.28	1310	762

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.