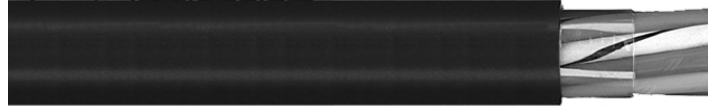


TRAY CABLE



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

PRODUCT CONSTRUCTION

Conductor: 14 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.

#14 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.)
USA14-02FREPCPETC	2	45	.25 x.37	65	26
USA14-03FREPCPETC	3	45	.39	90	39
USA14-04FREPCPETC	4	45	.43	113	53
USA14-05FREPCPETC	5	45	.47	137	66
USA14-07FREPCPETC	7	45	.51	180	92
USA14-09FREPCPETC	9	60	.63	250	118
USA14-10FREPCPETC	10	60	.69	270	130
USA14-12FREPCPETC	12	60	.70	310	158
USA14-16FREPCPETC	16	60	.78	400	208
USA14-19FREPCPETC	19	60	.82	460	250
USA14-20FREPCPETC	20	80	.90	525	260
USA14-25FREPCPETC	25	80	1.00	640	323
USA14-37FREPCPETC	37	80	1.14	890	466

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.