

TRAY CABLE



- ▶ **Multi-Conductor**
- ▶ **FR-XLP**
- ▶ **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 Cross-linked Polyethylene (XLP). Color-coded per ICEA Method 1, Table E2 (does not include white or green).

Jacket: Lead-free 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 For use in Class 1, Division 2 industrial hazardous locations per NEC Article 501 and Class 1 circuits per NEC.

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 -35°C.

COMPLIANCES

Industry: UL 44 Type XHHW-2. UL 1277 Type TC. 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 Jacket (Mils)	Nom. Diam. (Inches)	Approx. Net Wt. (lbs./1000 ft.)	Copper Weight (lbs./1000 ft.)
USA12-02XLPCPETC	2	45	.25x.41	85	41
USA12-03XLPCPETC	3	45	.44	120	65
USA12-04XLPCPETC	4	45	.48	154	86
USA12-05XLPCPETC	5	45	.53	190	108
USA12-07XLPCPETC	7	60	.60	265	150
USA12-09XLPCPETC	9	60	.70	340	193
USA12-10XLPCPETC	10	60	.77	370	210
USA12-12XLPCPETC	12	60	.79	430	258
USA12-16XLPCPETC	16	80	.92	570	336
USA12-19XLPCPETC	19	80	.96	675	403
USA12-20XLPCPETC	20	80	1.01	710	420
USA12-25XLPCPETC	25	80	1.12	890	515
USA12-37XLPCPETC	37	80	1.28	1310	741

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.