

# TRAY CABLE



- ▶ **Multi-Conductor**
- ▶ **XLP**
- ▶ **PVC**
- ▶ **Type TC-ER**
- ▶ **600V**

## PRODUCT CONSTRUCTION

**Conductor:** 12 AWG fully annealed, stranded, bare copper per ASTM B3. Class B stranding per ASTM B8.

**Insulation:** Flame-retardant Cross-linked Polyethylene (XLP). Color-coded per ICEA Method 1, Table E-2.

**Jacket:** Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC).

## 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 dry, 75° wet. Excellent electrical properties. Abrasion- and chemical-resistant. Sunlight- and weather-resistant. Meets cold bend test at -25°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. ICEA T-29-520 (210,000 BTU/hr). CSA FT4.

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

### #12 AWG-7 Strand

USAWC Part #	No. of Conductors	Overall PVC Jacket (Mils)	Nom. Diam. (Inches)	Approx. Net Wt. (lbs./1000 ft.)	Copper Weight (lbs./1000 ft.)
USA12-02XPTC	2	45	.25 x .41	85	41
USA12-03XPTC	3	45	.44	120	65
USA12-03XPGTC	3 w/g	45	.44	143	86
USA12-04XPTC	4	45	.48	154	86
USA12-05XPTC	5	45	.53	190	108
USA12-06XPTC	6	60	.60	235	126
USA12-07XPTC	7	60	.60	265	150
USA12-09XPTC	9	60	.70	340	193
USA12-10XPTC	10	60	.77	370	210
USA12-12XPTC	12	60	.79	430	258
USA12-15XPTC	15	80	.92	535	315
USA12-16XPTC	16	80	.92	570	336
USA12-19XPTC	19	80	.96	675	403
USA12-20XPTC	20	80	1.01	710	420
USA12-25XPTC	25	80	1.12	890	515
USA12-37XPTC	37	80	1.28	1310	741

Note: Cables designated (w/g) contain an additional bare copper grounding conductor, same size as circuit conductors, and are UL listed