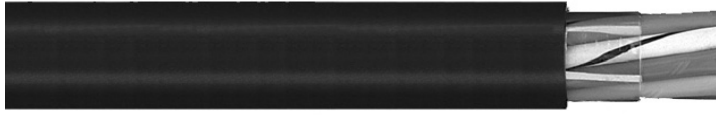


# TRAY CABLE



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

## PRODUCT CONSTRUCTION

**Conductor:** 16 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 (does not include white or green).

**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.

### #16 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.)
USA16-02XPTC	2	45	.23 x .35	65	16
USA16-03XPTC	3	45	.37	70	22
USA16-04XPTC	4	45	.39	87	29
USA16-05XPTC	5	45	.44	105	37
USA16-06XPTC	6	45	.48	120	44
USA16-07XPTC	7	45	.48	140	51
USA16-08XPTC	8	45	.51	155	59
USA16-09XPTC	9	45	.58	200	66
USA16-10XPTC	10	60	.63	230	74
USA16-11XPTC	11	60	.63	240	81
USA16-12XPTC	12	60	.67	255	88
USA16-13XPTC	13	60	.67	270	96
USA16-14XPTC	14	60	.68	290	103
USA16-15XPTC	15	60	.71	315	110
USA16-16XPTC	16	60	.71	325	118
USA16-17XPTC	17	60	.75	350	125
USA16-18XPTC	18	60	.75	360	132
USA16-19XPTC	19	60	.75	370	140
USA16-20XPTC	20	60	.79	400	147
USA16-23XPTC	23	60	.82	450	169
USA16-25XPTC	25	80	.91	530	184
USA16-27XPTC	27	80	.93	560	199
USA16-29XPTC	29	80	.94	585	213
USA16-31XPTC	31	80	.98	625	228
USA16-32XPTC	32	80	.99	650	235
USA16-37XPTC	37	80	1.03	720	272

Notes: 1. Cables designated (w/g) contain an additional bare copper grounding conductor, same size as circuit conductors, and are UL listed.

2. Standard color coding is Method E-2 of ICEA S-72-532. 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.