

# TRAY CABLE



- ▶ **4C w/Ground**
- ▶ **XLP**
- ▶ **PVC**
- ▶ **Type TC-ER**
- ▶ **600V**

## PRODUCT CONSTRUCTION

**Conductor:** 8 AWG through 750 kcmil bare, annealed copper per ASTM B3. Class B stranding per ASTM B8.

**Insulation:** Flame-retardant Cross-linked Polyethylene (XLP). Color-coded per ICEA Method 4; individual conductors colored black with conductor number surface printed in contrasting ink.

**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.

## FEATURES

Rated at 90°C wet or dry. 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. UL 1581. ICEA S-95-658/NEMA WC70.

**Flame Test:** UL 1581/UL 2556 VW-1. UL 1685 Vertical Flame Test. IEEE 383. IEEE 1202. ICEA T-29-520. CSA FT4.

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

## Four Conductors With Grounding Conductor

USAWC Part #	Size AWG or kcmil	No. of Strands	Thickness in Mils		Nominal Diameter (Inches)	Grounding Conductor Size (AWG)	Approx. Net Wt. (lbs./1000 ft.)	Copper Weight (lbs./1000 ft.)	Ampacity*	
			Insulation	Jacket					90°C	75°C
USA8-04XPGTC	8	7	45	60	.72	10	381	242	44	40
USA6-04XPGTC	6	7	45	60	.81	8	554	384	60	52
USA4-04XPGTC	4	7	45	80	.96	8	823	578	76	68
USA2-04XPGTC	2	7	45	80	1.10	6	1215	919	104	92
USA1-04XPGTC	1	19	55	80	1.25	6	1498	1136	120	104
USA1/0-04XPGTC	1/0	19	55	80	1.35	6	1814	1413	136	120
USA2/0-04XPGTC	2/0	19	55	80	1.45	6	2210	1760	156	140
USA3/0-04XPGTC	3/0	19	55	80	1.58	4	2745	2245	180	160
USA4/0-04XPGTC	4/0	19	55	80	1.77	4	3459	2796	208	184
USA250-04XPGTC	250	37	65	110	1.93	4	4089	3282	232	204
USA350-04XPGTC	350	37	65	110	2.18	3	5538	4577	280	248
USA500-04XPGTC	500	37	65	110	2.50	2	7675	6509	344	304
USA750-04XPGTC	750	61	80	140	3.12	1	11497	9712	428	380

\*AMPACITY in accordance with the NEC for cables in uncovered cable tray without maintained spacing and for cables in raceway or directly buried; at the conductor temperature indicated, in wet or dry locations, 30°C ambient temperature.

NOTES: (1) Grounding conductor per UL Standard 1277 for Type TC Tray Cable. (2) Cables with Open Wiring listing available upon request.