

# TRAY CABLE



- ▶ **Type TC-ER**
- ▶ **FR-ERP/XL-CPE**
- ▶ **4 Conductors**
- ▶ **600V**

## PRODUCT CONSTRUCTION

**Conductor:** 8 AWG through 500 kcmil tinned, annealed copper per ASTM B33. Class B stranding per ASTM B8.

**Insulation:** Flame-retardant ethylene propylene rubber (FR-EPR). Color-coded per ICEA Method 4; individual conductors colored black with conductor number surface printed in contrasting ink.

**Jacket:** Lead-free cross-linked chlorinated polyethylene (XL-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 2 AWG and larger.

## FEATURES

Rated at 90°C wet or dry. Excellent physical, thermal and electrical properties. Excellent resistance to moisture and flame. Meets cold bend test at -35°C.

Meets crush and impact requirements of Type MC Cable for 2 AWG and larger.

## COMPLIANCES

**Industry:** UL 44 Type XHHW-2. UL 1277 Type TC-ER for 2 AWG and larger. UL File #E57179. 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. CSA FT4. ICEA T-29-520.

**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.)
			Insulation	Jacket				
USA8-04XHGT	8	7	45	60	0.725	10	421	242
USA6-04XHGT	6	7	45	60	0.820	8	600	384
USA4-04XHGT	4	7	45	80	0.975	8	882	578
USA2-04XHGT	2	7	45	80	1.120	6	1295	919
USA1-04XHGT	1	19	55	80	1.235	6	1704	1136
USA1/0-04XHGT	1/0	19	55	80	1.330	6	1830	1413
USA2/0-04XHGT	2/0	19	55	80	1.480	6	2326	1760
USA3/0-04XHGT	3/0	19	55	80	1.570	4	3123	2245
USA4/0-04XHGT	4/0	19	55	80	1.765	4	3909	2796
USA250-04XHGT	250	37	65	110	1.935	4	4571	3282
USA350-04XHGT	350	37	65	110	2.180	3	6068	4577
USA500-04XHGT	500	37	65	110	2.555	2	7905	6509

Dimensions and weights are nominal and subject to industry tolerances.