

TRAY CABLE



- ▶ **Type TC-ER**
- ▶ **FR-ERP/XL-CPE**
- ▶ **3 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.

Three 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				
USA8-03XHGTC	8	7	45	60	0.660	10	421	332
USA6-03XHGTC	6	7	45	60	0.745	8	600	716
USA4-03XHGTC	4	7	45	80	0.890	8	882	1045
USA2-03XHGTC	2	7	45	80	1.020	6	1295	1524
USA1-03XHGTC	1	19	55	80	1.120	6	1704	1784
USA1/0-03XHGTC	1/0	19	55	80	1.240	6	1830	2240
USA2/0-03XHGTC	2/0	19	55	80	1.340	6	2326	2694
USA3/0-03XHGTC	3/0	19	55	80	1.420	4	3123	3627
USA4/0-03XHGTC	4/0	19	55	80	1.575	4	3909	4055
USA250-03XHGTC	250	37	65	110	1.735	4	4571	5365
USA350-03XHGTC	350	37	65	110	2.010	3	6068	6582
USA500-03XHGTC	500	37	65	110	2.305	2	7905	9074

Dimensions and weights are nominal and subject to industry tolerances.