

TRAY CABLE



- ▶ **4C w/Ground**
- ▶ **LS-XLP**
- ▶ **LZSH**
- ▶ **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: Lead-free, flame-retardant, low-smoke, Cross-linked Polyethylene (XLPE). 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, Low-Smoke, Zero-Halogen Polyolefin (LSZH).

APPLICATIONS

In free air, raceways, aerial or direct burial. In wet or dry locations. Permitted for use in Class I, Division 2 industrial hazardous locations per NEC. Permitted for Exposed in Class I, Division 2 industrial hazardous locations per NEC. Permitted for Exposed Run (ER) use in accordance with the NEC.

FEATURES

Rated at 90°C wet or dry. Ripcord applied to all cables with jacket thickness of 60 mils or less. Excellent physical and electrical properties. Excellent moisture resistance. Excellent resistance to compression and impact. Chemical-resistant. Low coefficient of friction for easy pulling. Sunlight- and weather-resistant. Meets cold bend test at -30°C. Low-Smoke, Zero-Halogen jacket is environmentally safe and reduces the amount of toxic and corrosive gases emitted during combustion.

COMPLIANCES

Industry: UL 44 Type XHHW-2. UL 1277 Type TC-LS-ER. UL 1581/UL 2556 VW-1. ICEA S-95-658/NEMA WC70. ICEA T-33-655. RoHS compliant.

Flame Test: UL 1581/UL 2556 VW-1. UL 1685 Vertical Flame Test. IEEE 1202/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 Inches		Nominal Diameter (Inches)	Grounding Conductor Size (AWG)	Copper Weight (lbs./1000 ft.)	Net Weight (lbs./1000 ft.)
			Insulation	Overall Jacket				
USA8-04WGLSZHTC	8	7	.045	.060	.720	10	242	393
USA6-04WGLSZHTC	6	7	.045	.060	.790	8	384	561
USA4-04WGLSZHTC	4	7	.045	.080	.950	8	578	822
USA2-04WGLSZHTC	2	7	.045	.080	1.090	6	919	1235
USA1-04WGLSZHTC	1	19	.055	.080	1.235	6	1136	1521
USA1/0-04WGLSZHTC	1/0	19	.055	.080	1.330	6	1413	1820
USA2/0-04WGLSZHTC	2/0	19	.055	.080	1.440	6	1760	2208
USA3/0-04WGLSZHTC	3/0	19	.055	.080	1.570	4	2245	2788
USA4/0-04WGLSZHTC	4/0	19	.055	.110	1.790	4	2796	3495
USA250-04WGLSZHTC	250	37	.065	.110	1.915	4	3282	4019
USA350-04WGLSZHTC	350	37	.065	.110	2.165	3	4577	5436
USA500-04WGLSZHTC	500	37	.065	.110	2.475	2	6509	7607
USA750-04WGLSZHTC	750	61	.080	.140	3.115	1	9712	11805