

TRAY CABLE



- ▶ **3C w/Ground**
- ▶ **LS-XLP**
- ▶ **LZSH**
- ▶ **Type TC-ER**
- ▶ **600V**

PRODUCT CONSTRUCTION

Conductor: 14 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.

Three 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				
USA14-03WGLSZHTC	14	7	.030	.045	.430	14	55	118
USA12-03WGLSZHTC	12	7	.030	.045	.480	12	87	160
USA10-03WGLSZHTC	10	7	.030	.060	.565	10	136	237
USA8-03WGLSZHTC	8	7	.045	.060	.655	10	190	314
USA6-03WGLSZHTC	6	7	.045	.060	.740	8	297	456
USA4-03WGLSZHTC	4	7	.045	.080	.880	8	442	642
USA2-03WGLSZHTC	2	7	.045	.080	1.010	6	703	979
USA1-03WGLSZHTC	1	19	.055	.080	1.120	6	872	1021
USA1/0-03WGLSZHTC	1/0	19	.055	.080	1.225	6	1069	1439
USA2/0-03WGLSZHTC	2/0	19	.055	.080	1.300	6	1340	1720
USA3/0-03WGLSZHTC	3/0	19	.055	.080	1.420	4	1717	2176
USA4/0-03WGLSZHTC	4/0	19	.055	.080	1.540	4	2130	2614
USA250-03WGLSZHTC	250	37	.065	.110	1.760	4	2494	3184
USA350-03WGLSZHTC	350	37	.065	.110	1.960	3	3474	4187
USA500-03WGLSZHTC	500	37	.065	.110	2.245	2	4934	5847
USA750-03WGLSZHTC	750	61	.080	.140	2.810	1	7278	9145