

# SINGLE CONDUCTOR



- ▶ **RHH/RHW-LS/  
USE**
- ▶ **XLP (LSZH)**
- ▶ **Class B**
- ▶ **600V**

## PRODUCT CONSTRUCTION

**Conductor:** 14 AWG through 750 kcmil bare compressed copper per ASTM B3. Class B stranding per ASTM B8.

**Insulation:** Flame-retardant, oil-resistant, limited smoke, cross-linked Polyethylene, black. Available in gray, red, blue and green.

## APPLICATIONS

For use in general purpose power cable applications. May be installed in conduit or raceway and in direct burial installation. For use in auditoriums, arenas and health facilities where strict specifications for smoke and toxicity emission levels are desired.

## COMPLIANCES

ASTM B3, B8. Listed by UL as Type RHH/RHW/USE rated at 90°C dry, 75°C wet, UL File #E90494 and E90499. Listed by UL as VW-1, Oil Resistant I and II. UL 1685, UL 758. CT rated for installation in cable tray (1/0 AWG and larger). CSA AWM I A/B rated at 105°C. Excellent moisture resistance. UL 44 and UL 854, ICEA S-95-658/NEMA WC70. ICEA 1202, ICEA 383, ICEA T-33-655. -40°C rated. OSHA acceptable.

USAWC Part #	Size (AWG or kcmil)	No. of Strands (Class B)	Nominal Cond. Diameter		Minimum Avg. Insulation Thick.		Nominal Cable O.D.		Copper Weight		Net Weight	
			Inches	mm	Inches	mm	Inches	mm	Lbs./	kg/	Lbs./	kg/
									1000 ft.	km	1000 ft.	km
USA14-01LZSZH	14	7/.0242	0.07	1.78	0.045	1.14	0.17	4.32	13	19	18	27
USA14-01LZSZH	12	7/.0305	0.09	2.29	0.045	1.14	0.19	4.83	20	30	25	37
USA14-01LZSZH	10	7/.0385	0.12	3.05	0.045	1.14	0.22	5.59	32	48	38	57
USA14-01LZSZH	8	8/.0486	0.15	3.81	0.060	1.52	0.28	7.11	50	75	58	86
USA14-01LZSZH	6	7/.0612	0.18	4.57	0.060	1.552	0.31	7.87	81	121	116	173
USA14-01LZSZH	4	7/.0772	0.23	5.84	0.060	1.52	0.36	9.14	129	192	171	254
USA14-01LZSZH	2	7/.0974	0.28	7.11	0.060	1.52	0.42	10.67	205	305	257	382
USA14-01LZSZH	1	19/.0644	0.32	8.13	0.80	1.52	0.49	12.45	258	385	331	493
USA14-01LZSZH	1/0	19/.0745	0.36	9.14	0.80	2.03	0.53	13.46	326	485	406	604
USA14-01LZSZH	2/0	19/.0837	0.41	10.41	0.80	2.03	0.58	14.73	411	612	495	737
USA14-01LZSZH	3/0	19/.0940	0.46	11.68	0.80	2.03	0.63	16.00	518	771	612	911
USA14-01LZSZH	4/0	19/.1055	0.51	12.95	0.80	2.03	0.68	17.27	653	972	757	1126
USA14-01LZSZH	250	37/.0822	0.56	14.22	0.95	2.41	0.76	19.30	772	1149	905	1347
USA14-01LZSZH	350	37/.0973	0.66	16.76	0.95	2.41	0.87	22.10	1081	1609	1237	1841
USA14-01LZSZH	500	37.1162	0.79	20.07	0.95	2.41	1.00	25.40	1544	2298	1728	2571
USA14-01LZSZH	750	61/.1109	0.97	24.64	0.110	2.79	1.21	30.73	2316	3447	2572	3827

NOTE: Data shown is approximate and subject to standard industry tolerances.