

USA SOLAR CABLE

TYPE USE-2 or RHW-2/RHH

XLPE Thermoset Insulation, UL 600 Volts/ c(UL) or CSA RW90 1000V

APPLICATION:

For lighting and power applications in accordance with the National Electrical Code and for other general purpose wiring applications at conductor temperatures not exceeding 90°C in wet or dry locations. May be installed in raceway, duct, direct burial and aerial installations.

CABLE MARKING:

USA WIRE & CABLE, INC. 800-880-9473 "E #"
10AWG 600V TYPE USE-2 or RHH or RHW-2 SUNLIGHT RESISTANT C(UL) RW90
1000V 90C Wet or Dry -40°C RoHS (production date)
MADE IN USA

STANDARDS:

- Listed by UL as Type USE-2 600V - Type RHW-2/ RHH 600V
- UL Standard 854: Standard for Safety for Service Entrance Cables
- UL Standard 44: Temperature rating of 90° C wet or dry; Meets cold bent test at -40°C; UL Sunlight resistant; UL VW-1 Flame resistant optional
- Conforms to ICEA S-95-658/NEMA WC70 utilizing column A thickness.
- Size 12-4AWG Stranded Cu approved for L-824 Airport Lighting ASTM B3- Standard Specification for soft or annealed copper wire; ASTM B8- Standard specification for concentric lay Stranded copper conductors; hard, medium and soft
- Approved for CT use 1/0 and larger

CONSTRUCTION: Annealed copper conductor, XLPE thermosetting chemically crosslinked polyethylene insulation, surface printed.

MADE IN THE USA



USAWC Part #	Size AWG or kcmil	No. of Strands	Insulation Thickness Mils	Nom. Diam. Inches	Ampacity		Approx. Wt. lbs/1000 ft		
					90°C* USE-2 RHW-2 RHH	75°C** USE RHW	Copper	Net	
Solid									
14-01SOLXLPEUSE-2	14	Solid	45	.16	25	20	12	21	
12-01SOLXLPEUSE-2	12	Solid	45	.18	30	25	20	30	
10-01SOLXLPEUSE-2	10	Solid	45	.20	40	35	31	43	
8-01SOLXLPEUSE-2	8	Solid	60	.25	55	50	50	68	
Stranded									
14-01XLPEUSE2	14	7	45	.17	25	20	13	23	
12-01XLPEUSE2	12	7	45	.19	30	25	20	32	
10-01XLPEUSE2	10	7	45	.21	40	35	32	45	
8-01XLPEUSE2	8	7	60	.27	55	50	51	72	
6-01XLPEUSE2	6	7	60	.31	75	65	81	105	
4-01XLPEUSE2	4	7	60	.36	95	85	129	155	
2-01XLPEUSE2	2	7	60	.41	130	115	205	234	
1-01XLPEUSE2	1	19	80	.49	150	130	258	305	
1/0-01XLPEUSE2	1/0	19	80	.53	170	150	326	380	
2/0-01XLPEUSE2	2/0	19	80	.58	195	175	411	470	
3/0-01XLPEUSE2	3/0	19	80	.63	225	200	518	580	
4/0-01XLPEUSE2	4/0	19	80	.68	260	230	653	725	
250-01XLPEUSE2	250	37	95	.76	290	255	772	865	
300-01XLPEUSE2	300	37	95	.81	320	285	926	1025	
350-01XLPEUSE2	350	37	95	.86	350	310	1081	1190	
400-01XLPEUSE2	400	37	95	.91	380	335	1235	1345	
500-01XLPEUSE2	500	37	95	.99	430	380	1544	1665	
600-01XLPEUSE2	600	61	110	1.10	475	420	1853	2020	
750-01XLPEUSE2	750	61	110	1.20	535	475	2316	2500	
1000-01XLPEUSE2	1000	61	110	1.35	615	545	3088	3225	

*AMPACITY in accordance with NEC for not more than three conductors. As RHW-2: in raceway, 90°C conductor temperature and 30°C ambient in wet or dry locations. As RHH: in raceway, 90°C conductor temperature and 30°C ambient in dry locations. As USE-2: direct burial, 90°C conductor temperature and 30°C ambient in wet locations

**Ampacity in accordance with NEC for not more than three conductors. As RHW-2: in raceway, 75°C conductor temperature and 30°C ambient in wet or dry locations. As USE: direct burial, 75°C conductor temperature and 30°C ambient in wet locations