

RHH / RHW-2 / USE-2 600V

Portable Power Cable 90°C UL Industrial Grade



SPECIFICATIONS & STANDARDS

ICEA S-95-658/NEMA WC 70, UL 44, UL 854, ASTM B 8, ASTM B 33

CONSTRUCTION:

- Conductor:** Flexible strand tin copper Class B, ASTM B-8, ASTM B-33
Separator: Tape separator between the conductor and insulation
Insulation: Ethylene-propylene rubber (EPR)
Jacket: Black heavy duty, CSPE thermoset (Hypalon) compound, UL 44, UL 854, ICEA S-95-658

FEATURES	APPLICATION
<ul style="list-style-type: none"> - UL listed RHH/RHW-2/USE-2 - Rated 90°C dry and wet - Ozone, sunlight, oil, grease, weather, water, chemical and abrasion resistant - VW-1, SUN RES, FOR CT USE for black jacket sizes 1/0 AWG and larger 	<ul style="list-style-type: none"> - Designed for uses requiring a flexible heavy duty power cable - For portable and or fixed installations - Leads for motors, generators, batteries, jumper cables

APPROVALS:

UL: E232192 - EPR / Hypalon RHW-2 90°C wet or dry, Sunlight resistant VW-1 for CT use 1/0 & larger

Part Number	Power Conductor Size	Power Conductor Stranding	Conductor Diameter	Nominal Insulation Thickness	Cable Diameter						Approx. Weight	Ampacity ⁽¹⁾ 40°C Ambient Temp.
					Minimum		Approx.		Maximum			
					inches	mm	inches	mm	inches	mm		
USE2-14	14 AWG	7x0.615	0.072	0.030	0.161	4.10	0.165	4.20	0.177	4.50	24	25
USE2-12	12 AWG	7x0.775	0.091	0.030	0.185	4.70	0.189	4.80	0.205	5.20	34	32
USE2-10	10 AWG	7x0.980	0.116	0.030	0.205	5.20	0.213	5.40	0.228	5.80	49	47
USE2-8	8 AWG	7x1.230	0.146	0.045	0.268	6.80	0.276	7.00	0.299	7.60	79	83
USE2-6	6 AWG	7x1.550	0.183	0.045	0.335	8.50	0.346	8.80	0.374	9.50	124	109
USE2-4	4 AWG	7x1.960	0.231	0.045	0.382	9.70	0.394	10.0	0.425	10.80	179	145
USE2-2	2 AWG	7x2.470	0.292	0.045	0.441	11.20	0.453	11.50	0.488	12.40	260	192
USE2-1/0	1/0 AWG	19x1.890	0.373	0.055	0.559	14.20	0.575	14.60	0.622	15.80	420	258
USE2-2/0	2/0 AWG	19x2.130	0.419	0.055	0.602	15.30	0.619	15.73	0.669	17.00	513	298
USE2-4/0	4/0 AWG	19x2.680	0.528	0.055	0.717	18.20	0.736	18.70	0.795	20.20	774	400
USE2-250	250 MCM	37x2.090	0.575	0.065	0.827	21.00	0.850	21.60	0.917	23.30	956	445
USE2-350	350 MCM	37x2.470	0.681	0.065	0.929	23.60	0.957	24.30	1.031	26.20	1290	552
USE2-500	500 MCM	37x2.950	0.813	0.065	1.055	26.80	1.088	27.64	1.177	29.90	1798	695
USE2-750	750 MCM	61x2.817	0.980	0.080	1.264	32.10	1.303	33.10	1.406	35.70	2686	898
USE2-1000	1000 MCM	61x3.250	1.152	0.080	1.413	35.90	1.457	37.0	1.575	40.00	3463	1076
USE2-8WHT	8 AWG	7x1.230	0.146		0.268	6.80	0.276	7.00	0.299	7.60	79	83
USE2-8GRN	8 AWG	7x1.230	0.146	0.045	0.268	6.80	0.276	7.00	0.299	7.60	79	83
USE2-6GRN	6 AWG	7x1.550	0.183		0.335	8.50	0.346	8.80	0.374	9.50	124	109

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

STANDARD PRINT LEGEND:

1 AWG AND SMALLER:

TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/HYP 600V VW-1 SUN RES

1/0 AWG AND LARGER:

TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/HYP 600V VW-1 SUN RES FOR CT USE