

# TYPE RHH/RHW-2/USE-2 600V

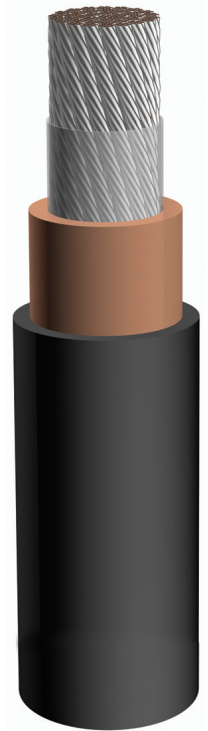
## Single conductor Round portable power cable

### SPECIFICATIONS & STANDARDS

UL 44, UL 854  
ICEA S-95-658/NEMA WC70  
ASTM B 8, ASTM B 33

### CONSTRUCTION:

<b>Conductors:</b>	Annealed flexible stranded tin coated copper Class B in accordance with ASTM B-8, ASTM B-33
<b>Separator:</b>	A suitable tape separator between the conductor and insulation
<b>Insulation:</b>	Ethylene-propylene rubber (EPR) type EP
<b>Jacket:</b>	A heavy duty, thermosetting (Hypalon CSPE) compound in accordance with UL 44, UL 854, ICEA S-95-658/NEMA WC70
<b>Color of jacket:</b>	Black



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

Standard length cable packing: 1000 ft reels; Other forms of packaging available

### APPROVALS:

**UL:** E232192 - "Sunlight Resistant"



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Part Number	Power Conductor Size	Power Conductor Stranding	Conductor Diameter	Nominal Insulation Thickness	Nominal Jacket Thickness						Nominal O.D.	Approx. Weight	Ampacity (1) 40°C Ambient Temp.		
					Minimum		Approx.		Maximum				inches	lbs/1000 ft	A
					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	0.236	24	25		
USE2-12	12 AWG	7x0.775	0.091	0.030	0.185	4.70	0.189	4.80	0.205	5.20	0.256	34	32		
USE2-10	10 AWG	7x0.980	0.116	0.030	0.205	5.20	0.213	5.40	0.228	5.80	0.290	49	47		
USE2-8	8 AWG	7x1.230	0.146	0.045	0.268	6.80	0.276	7.00	0.299	7.60	0.333	79	83		
USE2-6	6 AWG	7x1.550	0.183	0.045	0.335	8.50	0.346	8.80	0.374	9.50	0.403	124	109		
USE2-4	4 AWG	7x1.960	0.231	0.045	0.382	9.70	0.394	10.0	0.425	10.80	0.461	179	145		
USE2-2	2 AWG	7x2.470	0.292	0.045	0.441	11.20	0.453	11.50	0.488	12.40	0.510	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	0.700	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	0.740	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	0.870	774	400		
USE2-250	250 MCM	37x2.090	0.575	0.065	0.827	21.00	0.850	21.60	0.917	23.30	0.990	956	445		
USE2-350	350 MCM	37x2.470	0.681	0.065	0.929	23.60	0.957	24.30	1.031	26.20	1.055	1290	552		
USE2-500	500 MCM	37x2.950	0.813	0.065	1.055	26.80	1.088	27.64	1.177	29.90	1.125	1798	695		
USE2-750	750 MCM	61x2.817	0.980	0.080	1.264	32.10	1.303	33.10	1.406	35.70	1.205	2686	898		
USE2-1000	1000 MCM	61x3.250	1.152	0.080	1.413	35.90	1.457	37.0	1.575	40.00	1.305	3463	1076		

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

## STANDARD PRINT LEGEND:

### For sizes 1 AWG and smaller:

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

### For sizes 1/0 AWG and larger:

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

