



RHH/RHW-2/USE-2

600 V

UL 854, UL 44, ICEA S-95-658/NEMA WC-70
ASTM B8, ASTM B33

Portable Power Cables 90°C, Industrial Grade

APPLICATIONS

- Designed for uses requiring a heavy duty power cable
- For portable or fixed installations
- For motors, batteries, generators, jumper cables

CONSTRUCTION

Conductor	Annealed flexible stranded tinned copper Class B with ASTM B8, ASTM B33
Separator	A suitable tape separator between the conductor and insulation
Insulation	EPR (Ethylene-propylene rubber)
Outer jacket	A heavy duty, thermosetting CPE compound. Black or color can be provided.

Features

UL listed RHH/RHW-2/USE-2	VW-1, SUN RES, FOR CT USE for sizes 1/0AWG and larger
Rated 90°C dry and wet	Ink jet or indent printed for easy identification
Sunlight, ozone, oil, grease, weather, water, chemical and abrasion resistant.	



RHH/RHW-2/USE-2

Approvals

UL:	E232192-EPR/CPE RHW-2 90°C wet or dry, Sunlight resistant (black jacket only), VW-1, for CT use 1/0 and larger
Standard length cable packing	1000m on drums. Other forms of packing and delivery are available on request

Part Number	Size	Number of strands	Conductor diameter	Nominal thickness		Overall diameter	Approx. Weight	Ampacity (1) 30°C Ambient temp.
				Insulation	Jacket			
	AWG/MCM	N	Inches	Inches	Inches	Inches	lbs/1000ft	A
USE2-14	14AWG	7	0.072	0.03	0.015	0.177	24	25
USE2-12	12AWG	7	0.091	0.03	0.015	0.197	33	30
USE2-10	10AWG	7	0.116	0.03	0.015	0.224	49	40
USE2-8	8AWG	7	0.145	0.045	0.015	0.280	78	55
USE2-6	6AWG	7	0.183	0.045	0.030	0.346	124	75
USE2-4	4AWG	7	0.231	0.045	0.030	0.406	180	95
USE2-2	2AWG	7	0.292	0.045	0.030	0.465	259	130
USE2-1/0	1/0AWG	19	0.366	0.055	0.045	0.591	419	170
USE2-2/0	2/0AWG	19	0.411	0.055	0.045	0.634	511	195
USE2-3/0	3/0AWG	19	0.466	0.055	0.045	0.690	632	225
USE2-4/0	4/0AWG	19	0.528	0.055	0.045	0.752	772	260
USE2-250	250MCM	37	0.575	0.065	0.065	0.862	950	290
USE2-350	350MCM	37	0.681	0.065	0.065	0.969	1283	350
USE2-500	500MCM	37	0.813	0.065	0.065	1.102	1790	430
USE2-750	750MCM	61	0.998	0.080	0.065	1.315	2642	535
USE2-1000	1000MCM	61	1.152	0.080	0.065	1.469	3469	615

(1) Ampacity – Based on continuous duty at 90°C conductor temperature, per table 310.15 (B) (16) of the National Electrical Code ed.2017

RHH/RHW-2/USE-2

Standard Print Legend

1 AWG AND SMALLER. BLACK JACKET	1/0 AWG AND LARGER. BLACK JACKET
TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/CPE 600V VW-1 SUN RES ROHS CE + ft	TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/CPE 600V VW-1 SUN RES FOR CT USE ROHS CE + ft
1 AWG AND SMALLER. COLOR JACKET	1/0 AWG AND LARGER. COLOR JACKET
TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/CPE 600V VW-1 ROHS CE + ft	TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/CPE 600V VW-1 FOR CT USE ROHS CE + ft

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