

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

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

SINGLE CONDUCTOR PORTABLE POWER CABLES

APPLICATIONS

Designed for uses requiring a heavy duty power cable, For portable or fixed installations. For motors, batteries, generators, jumper cables. When used as Type USE-2, conductor is suitable for use as underground service entrance cable for direct burial



CONSTRUCTION

Conductors	Annealed flexible stranded tinned copper Class B with ASTM B-8, B-33
Separator	A suitable tape separator between the conductor and insulation
Insulation	EPR (Ethylene-propylene rubber)
Outer jacket	A heavy duty, thermosetting CPE compound. Black color

Features

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

Approvals

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



Part Number	Size	Number of strands	Conductor diameter	Nominal thickness		Approx. Weight	Overall diameter	Ampacity ⁽¹⁾ 30°C Ambient temp.
				Insulation	Jacket			
	AWG or MCM	N	Inches	Inches	Inches	Lbs./1000Ft	Inches	A
USE2-14	14 AWG	7	0.072	0.03	0.015	24	0.177	25
USE2-12	12 AWG	7	0.091	0.03	0.015	33	0.197	30
USE2-10	10AWG	7	0.116	0.03	0.015	49	0.224	40
USE2-8	8 AWG	7	0.145	0.045	0.015	78	0.280	55
USE2-6	6 AWG	7	0.183	0.045	0.030	124	0.346	75
USE2-4	4AWG	7	0.231	0.045	0.030	180	0.406	95
USE2-2	2 AWG	7	0.292	0.045	0.030	259	0.465	130
USE2-1	1 AWG	19	0.331	0.055	0.045	348	0.555	145
USE2-1/0	1/0 AWG	19	0.366	0.055	0.045	419	0.591	170
USE2-2/0	2/0 AWG	19	0.411	0.055	0.045	511	0.634	195
USE2-3/0	3/0 AWG	19	0.466	0.055	0.045	632	0.690	225
USE2-4/0	4/0 AWG	19	0.528	0.055	0.045	772	0.752	260
USE2-250	250 MCM	37	0.575	0.065	0.065	950	0.862	290
USE2-350	350 MCM	37	0.681	0.065	0.065	1283	0.969	350
USE2-400	400 MCM	37	0.727	0.065	0.065	1471	1.015	380
USE2-500	500 MCM	37	0.813	0.065	0.065	1790	1.102	430
USE2-600	600 MCM	61	0.875	0.080	0.065	2101	1.179	475
USE2-750	750 MCM	61	0.998	0.080	0.065	2642	1.315	535
USE2-1000	1000 MCM	61	1.152	0.080	0.065	3469	1.469	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

Standard print legend:

1 AWG AND SMALLER:	1/0 AWG AND LARGER:
TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/CPE 600V VW-1 SUN RES	TF CABLE E232192 (UL) TYPE USE-2 E193954 RHH / RHW-2 (SIZE) EP/CPE 600V VW-1 SUN RES FOR CT USE