

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 900C dry and wet. Sunlight , ozone ,oil, grease, weather, water, chemical and abrasion resistant. VW-1, SUN RES, FOR CT USE for sizes 1/0awg and larger. Ink jet printed for easy identification

Approvals

UL: E232192-EPR/CPE RHW-2 900C 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⁾ 40°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	32
USE2-10	10AWG	7	0,116	0,03	0,015	49	0,224	47
USE2-8	8 AWG	7	0,145	0,045	0,015	78	0,280	83
USE2-6	6 AWG	7	0,183	0,045	0,030	124	0,346	109
USE2-4	4AWG	7	0,231	0,045	0,030	180	0,406	145
USE2-2	2 AWG	7	0,292	0,045	0,030	259	0,465	192
USE2-1/0	1/0 AWG	19	0,366	0,055	0,045	419	0,591	258
USE2-2/0	2/0 AWG	19	0,411	0,055	0,045	511	0,634	298
USE2-4/0	4/0 AWG	19	0,528	0,055	0,045	772	0,752	400
USE2-250	250 MCM	37	0,575	0,065	0,065	950	0,862	445
USE2-350	350 MCM	37	0,681	0,065	0,065	1283	0,969	552
USE2-500	500 MCM	37	0,813	0,065	0,065	1790	1,102	695
USE2-750	750 MCM	61	0,998	0,080	0,065	2642	1,315	898
USE2-1000	1000 MCM	61	1,152	0,080	0,065	3469	1,469	1076

(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/CPE 600V VW-1 SUN RES

1/0 AWG AND LARGER:

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