



DONGCHAO

UL Type USE-2 / RHH / RHW-2, 8000 Series Aluminum Conductor, 90°C Dry or Wet, Rated 600 V



APPLICATIONS

UL Type USE-2 / RHH / RHW-2 conductors are used in conduit and direct burial (as UL Type USE-2) for services, feeders, and branch circuits in residential, commercial or industrial applications in accordance with the NEC. When used as UL Type USE-2 or RHW-2, the conductor is suitable for use in dry or wet locations at temperatures not to exceed 90°C. When used as UL Type RHH, the conductor is suitable for use in dry locations at temperatures not to exceed 90°C. The conductor is rated 600 V.

CONSTRUCTION

Conductor: Annealed compact stranded AA-8000 series Aluminum Conductor Material (ACM).

Insulation: Abrasion, moisture, heat, and sunlight resistant colored crosslinked polyethylene (XLPE).

CONDUCTOR IDENTIFICATION

Colored XLPE

VOLTAGE RATING : 600 V

STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- UL 44 – Thermoset-Insulated Wires and Cables (RHH / RHW-2)
- UL 854 – Service-Entrance Cables (USE-2)

LISTINGS AND CERTIFICATIONS

UL listed as Type USE-2 – File E487841

UL listed as Type RHH / RHW-2 – File E48797

PART NO.	CONDUCTOR SIZE	STRAND	INSULATION THICKNESS	NOMINAL OD	NET WEIGHT	AMPACITY		
	(AWG or KCMIL)		(MILS)	(INCHES)	(LBS/MFT)	60°C	75°C	90°C
USE-6-01-USEAL	6	7	60	0.30	47	40	50	55
USE-4-01-USEAL	4	7	60	0.34	66	55	65	75
USE-2-01-USEAL	2	7	60	0.39	96	75	90	100
USE-1-01-USEAL	1	19	80	0.47	127	85	100	115
USE-1/0-01-USEAL	1/0	19	80	0.50	153	100	120	135
USE-2/0-01-USEAL	2/0	19	80	0.54	185	115	135	150
USE-3/0-01-USEAL	3/0	19	80	0.59	224	130	155	175
USE-4/0-01-USEAL	4/0	19	80	0.64	273	150	180	205
USE-250-01-USEAL	250	37	95	0.72	327	170	205	230
USE-300-01-USEAL	300	37	95	0.77	382	190	230	255
USE-350-01-USEAL	350	37	95	0.82	436	210	250	280
USE-400-01-USEAL	400	37	95	0.86	491	225	270	305
USE-500-01-USEAL	500	37	95	0.94	597	260	310	350
USE-600-01-USEAL	600	61	110	1.04	720	285	340	385
USE-750-01-USEAL	750	61	110	1.14	879	320	385	435
USE-1000-01-USEAL	1000	61	110	1.29	1141	375	445	500



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