

Copper RHH/RHW-2/USE-2

600V 90°C EPR/CPE Insulation



APPLICATION:

EPR/CPE USE-2 cables are primarily used for power distribution, in raceways in accordance with National Electrical Code. USE-2 is approved for direct burial and for service entrance below ground. USE-2 cables may be used in wet or dry locations, with ambient temperatures not exceeding 90°C. Voltage rating for USE-2 cable is 600V. Sizes 1/0 & larger are approved for cable tray use, per NEC Article 318.

CONDUCTORS:

- Soft drawn tin coated copper stranded Class B

SEPARATOR:

- Tape separator between the conductor and insulation

INSULATION:

- Ethylene-propylene rubber (EPR)

JACKET:

- Black heavy duty, CPE thermoset compound

STANDARDS:

- UL 44
- UL 845
- ICEA S-95-658/NEMA WC70
- ASTM standards B8, B33
- VW-1 rated
- Sunlight resistant
- 1/0AWG & larger: Approved for CT Use

Part Number	Conductor Size	No. of Strands	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight	Ampacity*
	AWG/kcmil		inches	inches		inches	lbs/kft
14-01EC	14	7	0.030	0.015	0.165	24	25
12-01EC	12	7	0.030	0.015	0.189	34	30
10-01EC	10	7	0.030	0.015	0.213	49	40
8-01EC	8	7	0.045	0.015	0.276	79	55
6-01EC	6	7	0.045	0.030	0.346	124	75
4-01EC	4	7	0.045	0.030	0.394	179	95
2-01EC	2	7	0.045	0.030	0.453	260	130
1/0-01EC	1/0	19	0.055	0.045	0.575	420	170
2/0-01EC	2/0	19	0.055	0.045	0.619	513	195
4/0-01EC	4/0	19	0.055	0.045	0.736	774	260
250-01EC	250	37	0.065	0.065	0.850	956	290
350-01EC	350	37	0.065	0.065	0.957	1290	350
500-01EC	500	37	0.065	0.065	1.088	1798	430
750-01EC	750	61	0.080	0.065	1.303	2686	520
1000-01EC	1000	61	0.080	0.065	1.457	3463	615

All values are nominal and subject to correction

* Allowable ampacities shown are for general use as specified by the National Electric Code, 2023 Edition Table 310.16.

