



Underground Service Entrance



U.S. Toll Free: 1-800-945-5542 **Canada Toll Free: 1-877-611-5122**
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Underground Service Entrance RHH / RHW-2 / USE-2 600V



Conductor Size AWG or MCM	Conductor Stranding No. and Diameter of Stranding	Conductor Diameter Inches	Nominal Insulation Thickness Inches	Nominal Jacket Thickness Inches	Nominal Cable Diameter		Net Weight LBS/ MFT	Ampacity 40C Ambient Temp
					Inches	mm		
14	7 x 0.024	0.072	0.030	0.015	0.165	4.20	24	25
12	7 x 0.031	0.091	0.030	0.015	0.189	4.80	34	32
10	7 x 0.039	0.116	0.030	0.015	0.213	5.40	49	47
8	7 x 0.048	0.146	0.045	0.015	0.276	7.00	79	83
6	7 x 0.061	0.183	0.045	0.030	0.346	8.80	124	109
4	7 x 0.077	0.231	0.045	0.030	0.394	10.00	179	145
2	7 x 0.097	0.292	0.045	0.030	0.453	11.50	260	192
1/0	19 x 0.074	0.373	0.055	0.045	0.575	14.60	420	258
2/0	19 x 0.084	0.419	0.055	0.045	0.619	15.73	513	298
4/0	19 x 0.106	0.528	0.055	0.045	0.736	18.70	774	400
250	37 x 0.082	0.575	0.065	0.065	0.850	21.60	956	445
350	37 x 0.097	0.681	0.065	0.065	0.957	24.30	1290	552
500	37 x 0.116	0.813	0.065	0.065	1.088	27.64	1798	695
750	61 x 0.111	0.980	0.080	0.065	1.303	33.10	2686	898
1000	61 x 0.128	1.152	0.080	0.065	1.457	37.00	3463	1076

* # 14 AWG not Type USE, Minimum UL Size for Type USE is 12 AWG
 * Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

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 tinned copper stranding Class B, ASTM B-8, ASTM B-33.

Insulation: Premium grade ethylene-propylene rubber EPR insulation.

Jacket: Black heavy duty chlorinated polyethylene CPE, which is ozone, sunlight, oil, grease, water, chemical and abrasion resistant.

Standards: UL 44
 UL 854
 ASTM B 8
 ASTM B 33
 ICEA S-95-658/NEMA WC 70
 EPR/CPE RHW-2 90C Wet or Dry
 For CT use 1/0 & larger
 Sunlight Resistant
 VW-1

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The information contained on this specification is intended to be used as a guide in product selection and is believed to be reliable. PWC has made every effort to ensure the data shown above is accurate at the time of publication. This specification is subject to change at any time.