



Specification Sheet

BWC Part Number #: BWC-1-01XL-USE-2-ALUM

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

Application

USE-2 cables are primarily intended for power distribution. They are approved for direct burial and for service entrance use below ground. This cable can be installed in raceways according to the National Electrical Code, but it is not rated for use in cable trays. USE-2 cables may be used in wet or dry locations, with conductor temperatures not exceeding 90°C, and have a voltage rating of 600V.

Construction

- **Conductor:** The conductor is a compact bare 8000 series aluminum alloy with Class B stranding per ASTM.
- **Insulation:** The insulation is an abrasion, heat, and moisture-resistant cross-linked polyethylene (XLP).

Standards

- UL 44 and UL 854
- NEMA WC 70/ICEA S-95-658
- ASTM B800, B801, B836
- Meets the requirements of the National Electrical Code
- RUS ACCEPTED
- Sunlight resistant
- Oil Resistant PRI/PRII
- Gas and Oil Resistant GRI/GRII

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PART NUMBER	COND. SIZE (AWG/MCM)	COND. DIAMTER (INCH/MM)	INSUL. THICKNESS (INCH/MM)	OVERALL DIAMETER (INCH/MM)	NET WEIGHT LBS/KFT	AMPACTIY at 90 C (AMPS)
BWC-8-01XL-USE-2-ALUM	8	.134/3.40	.060/1.52	.257/6.53	36	45
BWC-6-01XL-USE-2-ALUM	6	1.69/4.29	.060/1.52	2.92/7.42	49	55
BWC-4-01XL-USE-2-ALUM	4	.213/5.41	.060/1.52	.336/8.53	65	75
BWC-3-01XL-USE-2-ALUM	3	.240/6.10	.060/1.52	.368/9.35	78	85
BWC-2-01XL-USE-2-ALUM	2	.268/.6.81	.060/1.52	.391/9.93	94	100
BWC-1-01XL-USE-2-ALUM	1	.299/7.59	.080/2.03	.462/11.73	126	115
BWC-1/0-01XL-USE-2-ALUM	1/0	.335/8.51	.080/2.03	.499/12.67	151	135
BWC-2/0-01XL-USE-2-ALUM	2/0	.378/9.60	.080/2.03	.539/13.69	182	150
BWC-3/0-01XL-USE-2-ALUM	3/0	.423/10.74	.080/2.03	.586/14.88	221	175
BWC-4/0-01XL-USE-2-ALUM	4/0	.476/12.09	.080/2.03	.638/16.21	269	205
BWC-250-01XL-USE-2-ALUM	250	.520/13.21	.095/2.41	.713/18.11	326	230
BWC-300-01XL-USE-2-ALUM	300	.571/14.50	.095/2.41	.763/19.38	381	260
BWC-350-01XL-USE-2-ALUM	350	.614/15.60	.095/2.41	.809/20.55	435	280
BWC-400-01XL-USE-2-ALUM	400	.657/16.69	.095/2.41	.852/21.64	489	305
BWC-500-01XL-USE-2-ALUM	500	.736/18.69	.095/2.41	.929/23.60	595	350
BWC-750-01XL-USE-2-ALUM	750	.909/23.09	.110/2.79	1.131/28.73	881	435
BWC-1000-01XL-USE-2-ALUM	1000	1.059/26.90	.110/2.79	1.283/32.59	1145	500

Table data sourced from. All values are nominal and subject to correction.

ALL SPECIFIED PARAMETERS WITHOUT A TOLERANCE ARE NOMINAL AND SUBJECT TO VERIFICATION. BEST WIRE IS NOT RESPONSIBLE FOR UNKNOWN PERFORMANCE ATTRIBUTES THAT WERE NOT MADE KNOWN TO BEST WIRE AT THE TIME OF DESIGN.

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