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## 600VOLT ALUMINUM BUILDING WIRE TYPE XHHW-2 , 90DEG C WET OR DRY SINGLE ALUMINUM CONDUCTOR

### CONSTRUCTION:

**CONDUCTOR** COMPACT STRANDED 8000 SERIES ALUMINUM ALLOY.

**INSULATION** CROSS-LINKED POLYETHYLENE (XLP).

Charlotte Wire Part#	Size AWG	XLP Ins. Thickness (in.)	Ampacity 90C*	Approx. O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
CW01401	8	.045"	45	.23"	29
CW01402	6	.045"	55	.26"	41
CW01403	4	.045"	75	.31"	59
CW01420	3	.045"	85	.33"	68
CW01404	2	.045"	100	.36"	87
CW01405	1	.055"	115	.42"	110
CW01406	1/0	.055"	135	.45"	134
CW01407	2/0	.055"	150	.49"	164
CW01408	3/0	.055"	175	.54"	199
CW01409	4/0	.055"	205	.59"	246
CW01410	250MCM	.065"	230	.66"	295
CW01411	300MCM	.065"	260	.71"	348
CW01412	350MCM	.065"	280	.76"	400
CW01413	400MCM	.065"	305	.80"	451
CW01414	500MCM	.065"	350	.87"	555
CW01415	600MCM	.080"	385	.98"	675
CW01416	700MCM	.080"	425	1.05"	780
CW01417	750MCM	.080"	435	1.08"	830
CW01419	900MCM	.080"	480	1.17"	860
CW01418	1000MCM	.080"	500	1.23"	1095

\*Ampacity in accordance with NEC for not more than 3 conductors at 90Deg C conductor temperature and 30Deg C ambient temperature in wet or dry locations per Table 310.15(B)(16) (formerly 310.16).

### APPLICATION:

General purpose building wire up to 600Volts with conductor temperatures of 90Deg C maximum in wet or dry locations.

### STANDARDS:

**UL 44:** Type XHHW-2.

Federal Spec JC-30B.

ASTM Standards B-800 and B-801.