



“Taking Care of Business”

toll free: 800-929-9473

600VOLT ALUMINUM BUILDING WIRE TYPE USE-2/ RHH / RHW-2 SINGLE ALUMINUM CONDUCTOR 90DEG C WET/DRY

CONSTRUCTION:

CONDUCTOR COMPACT STRANDED 8000 SERIES ALUMINUM ALLOY.

INSULATION CROSS-LINKED POLYETHYLENE (XLP).

Charlotte Wire Part#	Size AWG	Number of Strands	XLP Ins. Thickness (in.)	Ampacity 90C*	Approx. O.D. (in.)	Approx. Net Wt. (Lbs/Mft)
CW01426	8	7	.060"	45	.27"	38
CW01427	6	7	.060"	55	.29"	50
CW01428	4	7	.060"	75	.34"	66
CW01429	2	7	.060"	100	.39"	95
CW01430	1	18	.080"	115	.47"	127
CW01431	1/0	18	.080"	135	.51"	152
CW01432	2/0	18	.080"	150	.55"	184
CW01433	3/0	18	.080"	175	.60"	222
CW01434	4/0	18	.080"	205	.64"	270
CW01435	250MCM	35	.095"	230	.72"	325
CW01436	300MCM	35	.095"	260	.77"	385
CW01437	350MCM	35	.095"	280	.82"	440
CW01438	400MCM	35	.095"	305	.86"	490
CW01439	500MCM	35	.095"	350	.94"	598
CW01440	600MCM	58	.110"	385	1.04"	720
CW01441	700MCM	58	.110"	425	1.11"	830
CW01442	750MCM	58	.110"	435	1.14"	885
CW01443	1000MCM	58	.110"	500	1.29"	1150

*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, including direct burial.

STANDARDS:

UL 44: Type RHH & RHW-2.

UL 854: Type USE-2.

Federal Spec.: JC-30B.

ASTM Standards B-800 and B-801.