

1. XHHW-2 ALUMINUM CONDUCTOR - 600V

Application: Commodity Cables Inc. Type XHHW-2 is intended for use as general purpose wiring for up to 600 Volt rated services in air conduit or other recognized raceways for services, feeders and branch circuit wiring as specified in the National Electrical Code at a maximum conductor temperature of 90 °C in wet or dry locations.

Conductors: Compact soft drawn bare 8000 series Aluminum Alloy.

Insulation: Abrasion, heat and moisture resistant cross-linked polyethylene insulation XLPE.

Standards: Meets or exceed the following standards: UL standard 44 Requirements of the National Electrical Code ASTM standards B 800, B 801, Sunlight resistant, RoHS/Reach Compliant.



Conductor		Insulation Thickness (mils)	Nominal O.D. (mils)	Approx Net wt per 1000 (lbs)	Allowable Ampacities +		
Size (AWG or kcmil)	Stranding				60 °C	75 °C	90 °C
6	7	45	259	39	40	50	55
4	7	45	303	57	55	65	75
2	7	45	358	85	75	90	100
1	19	55	413	108	85	100	115
1/0	19	55	450	132	100	120	135
2/0	19	55	490	161	115	135	150
3/0	19	55	537	198	130	155	175
4/0	19	55	589	243	150	180	205
250	37	65	650	293	170	205	230
300	37	65	700	346	195	230	260
350	37	65	746	398	210	250	280
400	37	65	789	449	225	270	305
500	37	65	866	552	260	310	350
600	61	80	973	675	285	340	385
700	61	80	1037	777	315	375	425
750	61	80	1068	829	320	385	435
900	61	80	1162	979	355	425	480
1000	61	80	1220	1098	375	445	500

1. Data are approximate and subject to normal manufacturing tolerances.
2. Standard lengths are subject to normal manufacturing tolerance of +/- 10%
3. 90°C- XHHW-2 wet or dry locations.

