



POWER KABEL INC.

XHHW-2 ALUMINUM CONDUCTOR 600V/1000V

APPLICATIONS & FEATURES

Type XHHW-2 is primarily used in house construction, conduit, or recognized raceways for services, feeders, and branch circuit wiring in wet or dry locations, at temperatures not to exceed 90°C. Voltage rating is 600V/1000V.

INDUSTRY COMPLIANCES

- UL 44, UL 1581, UL 2556
- Federal Specification A-A-59544 and the requirements of the NEC
- Federal specification JC-30B NEC
- ANSI/NEMA WC 70-2009 ICEA S-95-658-2009
- CT Rated-Sizes 1/0 AWG and larger are rated for Cable Tray use.
- Sunlight Resistant in all color sizes 6AWG and larger.
- Basic Flame Rated (FT2) for sizes 6AWG and larger.
- RoHS compliant.

CONSTRUCTION

CONDUCTORS:

Compact stranded AA-8000 series aluminum conductor material per ASTM B800, ASTM B801, ASTM B836, ASTM B901 (Single Input Wire), as applicable

INSULATION:

Abrasion, moisture, and heat resistant thermoset cross-linked polyethylene.

AWG	No OF STRANDS	APPROX. O.D. (MILS)	INSULATION THICKNESS (MILS)	WEIGHT/1000 FT
6	7	259	45	38
4	7	303	45	56
3	7	328	45	68
2	7	358	45	82
1	18	409	55	108
1/0	18	446	55	130
2/0	18	486	55	160
3/0	18	533	55	196
4/0	18	585	55	242
250	35	650	65	290
300	35	667	65	342
350	35	733	65	392
400	35	789	65	444
500	35	852	65	544
600	58	940	80	668
700	58	1005	80	770
750	58	1037	80	818
900	58	1159	80	970
1000	58	1220	80	1070