SOUTH CABLE

XHHW-2 Aluminum Conductor



APPLICATION

XHHW-2 Wire can be used as a building line, widely used in highrise buildings, subways, commercial offices and other large public places, can also be used in photovoltaic power stations, mobile energy storage power stations, wind energy storage systems and other new energy fields.

CHARACTERISTICS

Voltage Rating Uo/U (Um)
600V

Temperature Rating
-40°C to 90°C

STANDARDS

ASTM B800 8000 Series Aluminum Alloy Wire
ASTM B801 Concentric-Lay-Stranded Conductors of 8000 Series Aluminum Alloy
UL 44 – Thermoset-Insulated Wires and Cables
UL 1581 – Flame Exposure Test
National Electrical Code (NEC)

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

SUSTAINABILITY COMMITMENT

South Cable actively implements the “carbon reduction” goal, strives to promote the green’s low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company’s healthy and sustainable development.

CONSTRUCTION

Conductor
Class B stranded bare aluminum per ASTM B800 and ASTM B801

Insulation
Heat and moisture resistant cross-linked polyethylene (XLPE) insulation in various colors

Sheath Colour
Black, Customized as needed

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Address:
SOUTH CABLEHigh-tech Zone, Zhengzhou City,Henan Province, China

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DIMENSIONS

XHHW-2 Aluminum Conductor

SIZE (AWG OR KCMIL)	STRAND QTY.	Nominal Insulation Thickness		OUTSIDE DIAMETER		APPROX. NET WEIGHT		ALLOWABLE AMPACITY[1] (AMPS)	
		MM	IN	MM	IN	KG/MIL	LBS/1000FT	75° C	90° C
8	7	1.14	0.045	5.99	0.236	42	28	40	45
6	7	1.14	0.045	6.96	0.274	60	40	50	55
4	7	1.14	0.045	8.18	0.322	86	58	65	75
2	7	1.14	0.045	9.70	0.382	128	86	90	100
1	19	1.40	0.055	10.60	0.417	164	110	100	115
1/0	19	1.40	0.055	11.50	0.453	200	134	120	135
2/0	19	1.40	0.055	12.60	0.496	243	163	135	150
3/0	19	1.40	0.055	13.80	0.543	299	201	155	175
4/0	19	1.40	0.055	15.10	0.594	368	247	180	205
250	37	1.65	0.065	16.70	0.657	442	297	205	230
300	37	1.65	0.065	18.00	0.709	523	351	230	260
350	37	1.65	0.065	19.20	0.756	599	402	250	280
400	37	1.65	0.065	20.20	0.795	676	454	270	305
500	37	1.65	0.065	22.20	0.874	830	557	310	350
600	61	2.03	0.08	24.90	0.98	1014	681	340	385
750	61	2.03	0.08	27.30	1.075	1244	835	385	435
1000	61	2.03	0.08	31.20	1.228	1627	1092	445	500

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