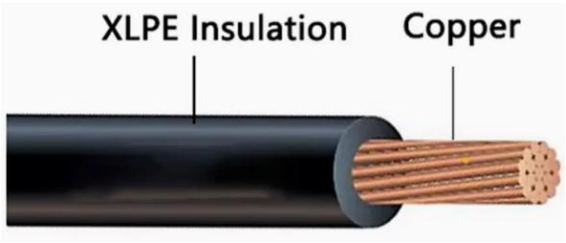
XHHW-2 Copper Conductor



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 B3, B8

UL 1581 - Flame Exposure Test

UL 44 - Thermoset-Insulated Wires and Cables

National Electrical Code (NEC)

CONSTRUCTION

Conductor

Class B stranded bare copper per ASTM B3 and ASTM B8

Insulation

Cross Linked Polyethylene (XLPE) , Silicone-Free, Abrasion, High-Heat, Moisture Resistant

Sheath Colour

Black, Customized as needed

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

Guowang 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.

GUOWANG CABLE GROUP

XHHW-2 Copper Conductor

SIZE (AWG OR KCMIL)	STRAND QTY.	Nominal Insulation Thickness		OUTSIDE DIAMETER		APPROX. NET WEIGHT		ALLOWABLE AMPACITY1 (AMPS)	
		MM	IN	MM	IN	KG/MIL	LBS/1000FT	75° C	90° C
14	7	0.76	0.03	3.33	0.131	25	17	20	25
12	7	0.76	0.03	3.81	0.15	37	25	25	30
10	7	0.76	0.03	4.39	0.173	57	38	35	40
8	7	1.14	0.045	5.99	0.236	94	63	50	55
6	7	1.14	0.045	6.96	0.274	150	101	65	75
4	7	1.14	0.045	8.18	0.322	228	153	85	95
3	7	1.14	0.045	8.89	0.35	280	188	100	115
2	7	1.14	0.045	9.70	0.382	348	234	115	130
1	19	1.40	0.055	10.60	0.417	451	303	130	145
1/0	19	1.40	0.055	11.50	0.453	557	374	150	170
2/0	19	1.40	0.055	12.60	0.496	690	464	175	195
3/0	19	1.40	0.055	13.80	0.543	859	577	200	225
4/0	19	1.40	0.055	15.10	0.594	1068	718	230	260
250	37	1.65	0.065	16.70	0.657	1229	826	255	290
300	37	1.65	0.065	18.00	0.709	1466	985	285	320
350	37	1.65	0.065	19.20	0.756	1702	1144	310	350
400	37	1.65	0.065	20.20	0.795	1937	1302	335	380
500	37	1.65	0.065	22.20	0.874	2408	1618	380	430
600	61	2.03	0.08	24.90	0.980	2929	1969	420	475
750	61	2.03	0.08	27.30	1.075	3588	2411	475	535
1000	61	2.03	0.08	31.20	1.228	3588	2411	475	535