



Application

XHHW-2 cables are designed for the Oil industry and can be installed in Class 1, Division 2 Hazardous locations. They can be installed in trays, wire ways, ducts, conduit and aerially when properly supported by a messenger. They are approved for direct burial, and for wet or dry locations including outdoors in cable trays where a sunlight resistant rating is required.

Characteristic

Voltage Rating

600V

Temperature Rating

+90°C

Construction

Conductor

Bare Annealed Copper

Insulation

XLPE (Cross-Linked Polyethylene) Flame-retardant

Binder Tape

Ripcord

Nylon

Outer Sheath

Special PVC (Polyvinyl Chloride)/(XLPO&CPE is available)

Sheath Colour

Black

Standards

ICEA S-73-532, UL 1277, UL 44, ASTM B3/B8

Dimensions

NUMBER OF CORES	AWG SIZE	NOMINAL INSULATION THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km	AMPACITY AMPS
2	10	0.76	1.14	11.94	190	40.0
3	10	0.76	1.14	12.57	259	40.0
4	10	0.76	1.14	13.84	332	32/40
5	10	0.76	1.52	16.00	432	32.0
6	10	0.76	1.52	17.40	507	32.0
7	10	0.76	1.52	17.40	568	28.0
8	10	0.76	1.52	18.80	607	28.0
9	10	0.76	1.52	20.32	713	28.0
10	10	0.76	1.52	21.72	752	20.0
11	10	0.76	2.03	23.11	865	20.0

12	10	0.76	2.03	23.75	932	20.0
13	10	0.76	2.03	24.13	997	20.0
14	10	0.76	2.03	24.89	1064	20.0
15	10	0.76	2.03	25.65	1131	20.0
20	10	0.76	2.03	28.58	1463	20.0
25	10	0.76	2.03	32.00	1799	18.0
30	10	0.76	2.03	34.16	2124	18.0
35	10	0.76	2.03	36.32	2447	16.0
40	10	0.76	2.03	38.35	2770	16.0
45	10	0.76	2.03	40.77	3098	14.0
50	10	0.76	2.03	42.29	3417	14.0
2	12	0.76	1.14	10.67	140	30.0
3	12	0.76	1.14	11.30	188	30.0
4	12	0.76	1.14	12.32	238	24.0/30.0
5	12	0.76	1.14	13.59	289	24.0
6	12	0.76	1.52	15.49	366	24.0
7	12	0.76	1.52	15.49	406	21.0
8	12	0.76	1.52	16.76	432	21.0
9	12	0.76	1.52	18.03	507	21.0
10	12	0.76	1.52	19.18	530	15.0
11	12	0.76	1.52	19.56	573	15.0
12	12	0.76	1.52	20.19	619	15.0
13	12	0.76	1.52	20.57	662	15.0
14	12	0.76	1.52	21.21	708	15.0
15	12	0.76	1.52	21.84	753	15.0
19	12	0.76	1.52	24.26	975	15.0
20	12	0.76	1.52	25.27	1025	15.0
25	12	0.76	1.52	28.32	1260	13.5
30	12	0.76	1.52	30.23	1481	13.5
35	12	0.76	1.52	32.13	1700	12.0
37	12	0.76	1.52	32.13	1897	12.0
40	12	0.76	1.52	33.91	1918	12.0
45	12	0.76	1.52	35.81	2140	10.5
50	12	0.76	1.52	37.21	2354	10.5