

XHHW-2

600 Volts • Oxygen Free Copper Conductor • Dead Soft Annealed • Cross-Linked Polyethylene (XLP) Insulation
High-Heat and Moisture Resistant • Sizes 14 through 8 AWG Also Rated SIS
Black Sizes 2 AWG and Larger Sunlight Resistant



Applications

- Pro-Line Type XHHW-2 conductors are primarily used in conduit or other recognized raceways for services, feeders, and branch circuit wiring, as specified in the National Electrical Code 1
- XHHW-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C
- Voltage rating for XHHW-2 conductors is 600 volts

Standards and References

Pro-Line Type XHHW-2 conductors meet or exceed UL Standard 44, Federal Specification A-A-59544, and requirements of the National Electrical Code. Type XHHW-2 meets and exceeds all construction requirements of ICEA S-95-658 (NEMA WC 70) - Nonshielded 0 - 2 kV Cables, with testing frequencies based on UL requirements.

Construction

- Pro-Line Type XHHW-2 copper conductors are annealed (soft) copper. Insulation is an abrasion, moisture, and heat resistant cross-linked polyethylene (XLP)
- Sizes 14, 12, and 10 AWG available in black, white, red, blue, yellow, green, orange, brown, purple, and gray
- Conductor sizes 2 AWG and larger listed and marked sunlight resistant in black only

ALTERNATE CONSTRUCTION

- Pro-Line Type XHHW-2 copper conductors are also available in sizes 1/0 AWG and larger rated for cable tray use and sunlight resistant
- Specify XHHW-2 for CT use when requesting quote or ordering

Specifications

RECOMMENDED SAMPLE SPECIFICATIONS

Conductors shall be UL-listed Type XHHW-2, suitable for operation at 600 volts or less in wet or dry locations, at temperatures not to exceed 90°C. Conductors shall be annealed copper. XHHW-2 shall be **PRO-LINE WIRE & CABLE** or approved equal.

CABLE TRAY RELATED RECOMMENDED SAMPLE SPECIFICATIONS

Conductor shall be UL-listed Type XHHW-2 rated for cable tray use and sunlight resistance. Also, suitable for operation at 600 volts or less in wet or dry locations, at temperatures not to exceed 90°C. Conductors shall be annealed copper. XHHW-2 shall be **PRO-LINE WIRE & CABLE** or approved equal.

WEIGHTS, MEASUREMENTS AND PACKAGING

CONDUCTOR		INSULATION THICKNESS (mils)	NOMINAL O.D. (mils)	ALLOWABLE AMPACITIES†			APPROX. NET WEIGHT PER 1000 FT. (lbs)	STANDARD PACKAGING
SIZE (AWG or kcmil)	NUMBER OF STRANDS			60°C	75°C	90°C		
14	7	30	130	15	15	15	18	
12	7	30	147	20	20	20	26	
10	7	30	171	30	30	30	40	
8	7	45	232	40	50	55	66	
6	7	45	267	55	65	75	99	
4	7	45	314	70	85	95	149	
2	7	45	370	95	115	130	230	
1	19	55	434	110	130	150	292	
1/0	19	55	473	125	150	170	363	
2/0	19	55	517	145	175	195	452	
3/0	19	55	569	165	200	225	565	
4/0	19	55	625	195	230	260	706	
250	37	65	691	215	255	290	835	
300	37	65	744	240	285	320	995	
350	37	65	794	260	310	350	1155	
400	37	65	839	280	335	380	1314	
500	37	65	923	320	380	430	1633	
600	61	80	1029	355	420	475	1966	
750	61	80	1131	400	475	535	2441	
1000	61	80	1280	455	545	615	3230	

PART NUMBER DESIGNATION: SIZE (AWG)

14 AWG	12 AWG	10 AWG	8 AWG	6 AWG	4 AWG	2 AWG	1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG
70806	70807	70808	70809	70810	70811	70813	70814	70815	70816	70817	70818
250 kcmil	300 kcmil	350 kcmil	400 kcmil	500 kcmil	600 kcmil	750 kcmil	1000 kcmil				
70819	70820	70821	70822	70823	70824	70825	70826				

PART NUMBER DESIGNATION: COLOR CODE

BLACK	BLUE*	BROWN*	GRAY*	GREEN*	ORANGE*	PINK*	PURPLE*	RED*	TAN*	WHITE*	YELLOW*
01	02	03	04	05	06	07	08	09	10	11	12

PART NUMBER DESIGNATION: PACKAGE CODE

500' REEL	1000' REEL	2500' REEL	5000' REEL								
11	14	20	25								

