

- 90°C Dry or Wet
- 600 Volts
- 1/0 and larger rated for CT use
- Sunlight Resistant
- Gasoline and Oil Resistant I & II

COPPER XHHW-2

Polytherm Cross-Linked Polyethylene

(XLP) Insulated Copper Conductors

APPLICATIONS

- For use in conduit or other recognized raceways for service, feeder, and branch circuit applications as specified in the NEC®
- Good choice for industrial applications where better insulation toughness and resistance to moisture and heat is desired
- For use in wet or dry locations at temperatures up to 90°C
- Sunlight resistant

CONDUCTORS

- Stranded conductors: Uncoated, soft copper per ASTM-B8 (2 AWG and 250 MCM - 750 MCM), and ASTM-B787 (1 AWG - 4/0)

INSULATION

- XLP (cross-linked polyethylene)

INDUSTRY STANDARDS

- UL 44 - File No. E63539
- CSA LL 82214
- ASTM-B3
- ASTM-B8
- ASTM-B787
- Federal Specification A-A-59544
- NFPA70: National Electrical Code®
- NEMA WC70/ICEA S-95-658

SURFACE PRINT

- Sample: 2 AWG XHHW-2 600V SUN-RES GASOLINE & OIL RESISTANT I & II (UL) E63539/XLPE RW90 (-40°C) CSA LL 82214

Product Code Number	Conductors		Insulation Thickness Mils.	Approx. O.D. Inches	Allowable Ampacities*			Approx. Net Wt. lbs./m ft.
	AWG Size	No. of Strands			60°C **	75°C ***	90°C ****	
117-4000	8	7	45	0.240	40	50	55	65
117-4200	6	7	45	0.280	55	65	75	97
117-4400	4	7	45	0.330	70	85	95	148
117-4500	3	7	45	0.353	-	-	110	180
117-4600	2	7	45	0.390	95	115	130	229
117-4700	1	19	55	0.450	110	130	150	293
117-5000	1/0	19	55	0.489	125	150	170	364
117-5200	2/0	19	55	0.530	145	175	195	449
117-5400	3/0	19	55	0.550	165	200	225	559
117-5600	4/0	19	55	0.640	195	230	260	698
117-6000	250	37	65	0.710	215	255	290	834
117-6400	300	37	65	0.760	-	-	320	995
117-6800	350	37	65	0.820	260	310	350	1152
117-7200	400	37	65	0.860	280	335	380	1309
117-8000	500	37	65	0.950	320	380	430	1622
117-8400	600	61	80	1.040	355	420	475	1947

* Per Table 310-16 NEC®

** For termination to equipment for circuits rated 100 amperes or less or marked for Nos. 14 through 1 conductors.

*** For termination to equipment for circuits rated over 100 amperes or marked for conductors larger than No. 1.

**** Wet or dry locations.

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SURFACE PRINT

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Package Code	K	R	M	P
AWG Size	1000' reel	2000' reel	2500' reel	5000' reel
8 Stranded	X			X
6 Stranded	X			X
4 Stranded	X			X
3 Stranded	X			X
2 Stranded	X			X
1 Stranded	X			X
1/0	X			X
2/0	X			X
3/0	X			X
4/0	X			X
250 MCM	X		X	
350 MCM	X		X	
400 MCM	X	X		
500 MCM	X		X	
600 MCM	X	X		