

Type XHHW-2 • Cross-Linked Polyethylene (XLP) Insulation

14 AWG - 750 KCMIL • 600 Volts • 90°C Wet or Dry



DESCRIPTION

Conductor: Bare, soft annealed copper per ASTM B-3. Concentric, compressed stranded (class B) per ASTM B-3 or ASTM B-8 or combination per ASTM B-787 and UL-44.

(An opaque separator may be applied between the stranded conductor and the insulation to facilitate stripping.)

Insulation: Cross-linked polyethylene (XLP) per UL-44.

Cable Identification: Surface print: "(size) AWG (or KCMIL) Type XHHW-2 Gasoline and Oil Resistant II 600V A.I.W. Corp. (UL)"

RATINGS: UL-44, Federal Specification A-A-59544

Stock Colors: Sizes 8 AWG - 750 KCMIL stocked in Black only.

Sizes 14 - 10 AWG: Black, Green, Yellow, White, Orange, Brown, Red, Blue

Non-stock colors available upon request, consult factory.



Maximum Conductor Temperature and Voltage Rating

TYPE	WET	DRY	VOLTAGE
XHHW-2	90°C	90°C	600V

SIZE (AWG or KCMIL)	NUMBER OF STRANDS	XLP INSUL. THICKNESS (INCHES)	APPROX. OUTSIDE DIAMETER (INCHES)	AMPACITY ¹ WET or DRY 90°C	APPROX. WEIGHT 1000 FT. (LBS.)	STOCKED PUT-UPS
14	Solid	.030	.126	25†	21	500R/2500R
12	Solid	.030	.143	30†	27	500R/2500R
10	Solid	.030	.164	40†	38	500R/2500R
14	7	.030	.134	25†	18	500R/2500R
12	7	.030	.151	30†	26	500R/2500R
10	7	.030	.174	40†	39	500R/2500R
8	7	.045	.236	55	66	1000R
6	7	.045	.271	75	99	1000R
4	7	.045	.320	95	151	1000R
3	7	.045	.350	110	186	1000R
2	7	.045	.380	130	232	1000R
1	19	.055	.440	150	300	1000R
1/0	19	.055	.480	170	372	1000R
2/0	19	.055	.525	195	461	1000R
3/0	19	.055	.575	225	573	1000R
4/0	19	.055	.635	260	714	1000R
250	37	.065	.690	290	846	1000R
300	37	.065	.750	320	1005	1000R
350	37	.065	.790	350	1166	1000R
400	37	.065	.835	380	1318	1000R
500	37	.065	.920	430	1642	1000R
600	61	.080	1.035	475	1986	1000R
750	61	.080	1.135	535	2453	1000R

NOTES:

¹Allowable ampacity of not more than three current carrying conductors in raceway or cable, based on ambient temperature of 30°C (86°C) per Table 310.16 of the 2008 National Electrical Code (NFPA 70-2008).

†Unless otherwise specified, the overcurrent protection for 14 AWG shall not exceed 15 Amperes, 12 AWG shall not exceed 20 Amperes, and 10 AWG shall not exceed 30 Amperes.