

TYPE XHHW-2 600V XLPE-INSULATED COPPER (8 AWG - 1000 MCM)

- 600 V
- 90 °C Wet or Dry
- 8 AWG - 1000 MCM



APPLICATIONS:

600 Volt Type XHHW-2 low-voltage building wire with cross-linked polyethylene (XLPE) insulation and copper conductors. Rated for 90°C wet or dry operation and sunlight resistance. For use in conduit or raceways for services, feeders, and branch circuits per the National Electrical Code®.

- 1 Conductor: Class B concentric compressed stranded annealed copper per ASTM.
- 2 Insulation: Heat- and moisture-resistant cross-linked polyethylene (XLPE).

STANDARDS & RATINGS:

- UL 44 - Type XHHW-2
- ICEA S-95-658 (NEMA WC 70)
- Rated for 90°C Wet or Dry Operation
- Sunlight Resistant
- CT Rated (1/0 AWG and larger)

Part Number	Size (AWG or MCM)	Insulation Thickness (mils)	Nominal Conductor Diameter (in)	Nominal O.D. (in)	Approx Weight (lbs/1M FT)	Ampacity In Raceway (A)	Ampacity In Free Air (A)
01X-0008-XX	8	45	0.143	0.24	64	55	80
01X-0006-XX	6	45	0.180	0.27	96	75	105
01X-0004-XX	4	45	0.226	0.32	147	95	140
01X-0003-XX	3	45	0.253	0.35	183	115	165
01X-0002-XX	2	45	0.284	0.38	228	130	190
01X-0001-XX	1	55	0.324	0.44	289	145	220
01X-0100-XX	1/0	55	0.364	0.48	361	170	260
01X-0200-XX	2/0	55	0.408	0.53	449	195	300
01X-0300-XX	3/0	55	0.458	0.58	560	225	350
01X-0400-XX	4/0	55	0.515	0.63	700	260	405
01X-250M-XX	250	65	0.561	0.70	829	290	455
01X-300M-XX	300	65	0.614	0.75	988	320	500
01X-350M-XX	350	65	0.664	0.80	1147	350	570
01X-400M-XX	400	65	0.710	0.85	1312	380	615
01X-500M-XX	500	65	0.794	0.94	1620	430	700
01X-600M-XX	600	80	0.870	1.04	1958	475	780
01X-750M-XX	750	80	0.974	1.15	2444	535	885
01X-1000M-XX	1000	80	1.124	1.29	3273	615	1055

Color option - fill in the -XX with appropriate number code: Black -01; White -02; Red -03; Green -04; Orange -05; Brown -06; Blue -07; Yellow -08; Gray -09