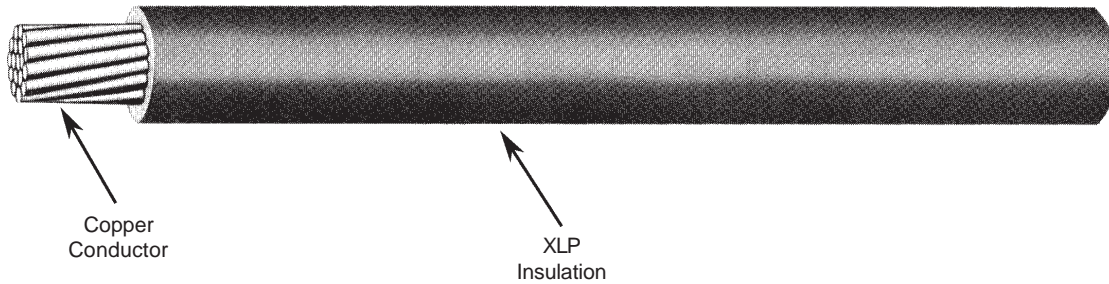


**XHHW-2
FR-CROSS-LINKED POLYETHYLENE INSULATION, 600 VOLT**

SPEC 1-50-1
Ver. 7.0
Revised: 05/18/06



90°C CONDUCTOR TEMPERATURE WET OR DRY

Conductor			Insulation in Mils	Approximate O.D. in Inches	Ampacity* 90°C	Approximate Net Weight LBS/KFT
Size AWG or KCMIL	No. of Strands*	Nominal O.D.				

SINGLE CONDUCTOR 600 VOLT

8	7	0.14	45	0.24	55	64
6	7	0.18	45	0.28	75	96
4	7	0.23	45	0.33	95	147
3	7	0.25	45	0.35	110	183
2	7	0.28	45	0.39	130	227
1	19	0.32	55	0.45	150	289
1/0	19	0.36	55	0.49	170	360
2/0	19	0.41	55	0.53	195	449
3/0	19	0.46	55	0.58	225	560
4/0	19	0.51	55	0.64	260	700
250	37	0.56	65	0.71	290	832
300	37	0.61	65	0.76	320	992
350	37	0.66	65	0.81	350	1152
400	37	0.71	65	0.84	380	1310
500	37	0.79	65	0.94	430	1627
600	61	0.87	80	1.04	475	1966
750	61	0.97	80	1.14	535	2441
1000	61	1.12	80	1.30	615	3231

Note: *Based on three conductors in raceway or conduit, 30°C ambient temperature per NEC. The above data is approximate and subject to normal manufacturing tolerances.
*19 stranding is combination unilay per ASTM 787.

SAMPLE LEGEND (BLACK ONLY):

2 AWG TYPE XHHW-2 600V SUN-RES GASOLINE & OIL RESISTANT I & II (UL) E63539
1/0 AWG TYPE XHHW-2 600V SUN-RES GASOLINE & OIL RESISTANT I & II FOR CT USE (UL) E63539

LISTINGS AND RATINGS:

1. Listed by UL as Type XHHW-2 per Standard UL 44.
2. Cables in black only are listed by UL as Sunlight Resistant.
3. Sizes 1/0AWG and larger are listed by UL For CT Use per Standard UL 1685.
4. Sizes 1/0AWG and larger pass IEEE 383 Vertical Tray Flame Test.
5. Conforms to ICEA S-95-658/NEMA WC70 Nonshielded 0-2KV Cables.
6. Conforms to Federal Specification J-C-30B.

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