

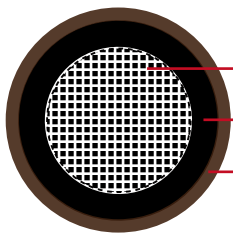


XHHW/PVC Jacket, Power Cable, CT Rated

Applications:

XHHW/PVC conductors are primarily used in conduit, cable tray or other recognized raceways for services, feeders, and branch circuit wiring as specified in the National Electrical Code. XHHW/PVC conductors are sunlight resistant and may be used in wet or dry locations at temperatures not to exceed 90°C. Voltage rating for XHHW/PVC conductors is 600 volts.

Construction:



- Stranded tinned copper conductor
- Cross-Linked Polyethylene insulation
- PVC jacket

Conductor:

Single copper conductor, stranded tinned annealed copper per ASTM B3 Class B stranding per ASTM B8

Insulation:

Flame-retardant, abrasion, heat, moisture and sunlight resistant Cross-Linked Polyethylene (FRXLPE)

Jacket: Flame retardant, moisture and sunlight resistant PVC

Color: upon request, black is preferable

Compliances:

- ▶ UL 44 - Thermoset-Insulated Wires and Cables.
- ▶ UL 1685 - UL CT Flame Exposure Test.
- ▶ UL 1581 - UL Flame Exposure Test (VW-1)
- ▶ IEEE 383 (IEEE 1202/FT4 (2/0 AWG and larger)
- ▶ Flame Test (70,000 Btu/hr Vertical Tray Test)).
- ▶ ICEA S-95-658 (NEMA WC70)





American Standard UL

Parameters:

AWG or kcmil	Strand	Nominal Insulation Thickness Inch/mm		Nominal jacket Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
1/0	19	0.055	1.40	0.045	1.14	0.565	14.3	412	613
2/0	19	0.055	1.40	0.045	1.14	0.608	15.4	505	751
3/0	19	0.055	1.40	0.045	1.14	0.659	16.7	623	927
4/0	19	0.055	1.40	0.045	1.14	0.715	18.1	769	1145
250	37	0.065	1.65	0.065	1.65	0.821	20.8	934	1390
350	37	0.065	1.65	0.065	1.65	0.924	23.4	1268	1887
500	37	0.065	1.65	0.065	1.65	1.053	26.7	1763	2624
750	61	0.080	2.03	0.065	1.65	1.261	32.0	2602	3871
1000	61	0.080	2.03	0.065	1.65	1.41	35.8	3411	5076