

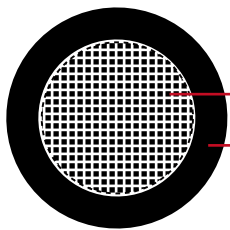


AL-XHHW-2 Power Cable, CT Rated

Applications:

Type XHHW-2 conductors are primarily used in conduit or recognized raceways for services, feeders, and branch circuit wiring as specified in the National Electrical Code 1 . XHHW-2 conductors may be used in wet or dry locations at temperatures not to exceed 90°C

Construction:



Aluminium alloy conductor

Fire retardant Cross-Linked Polyethylene insulation

Conductor:

Single core, stranded

aluminum alloy conductor

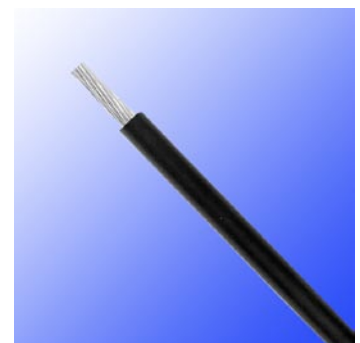
Insulation:

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

Color: upon request, black is preferable

Compliances:

- ▶ UL 44 - Thermoset-Insulated Wires and Cables.
- ▶ UL - 1581 Flame Exposure Test (VW-1)
- ▶ UL 1685 - CT Flame Exposure Test.
- ▶ IEEE 1202/FT4 (2/0 AWG and larger)
- ▶ ICEA S-95-658 (NEMA WC 70) construction requirements





American Standard UL

Parameters:

AWG or kcmil	Strand	Nominal Insulation Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
1/0	10	0.055	1.40	0.449	11.40	138	205
2/0	12	0.055	1.40	0.489	12.42	171	254
3/0	16	0.055	1.40	0.536	13.61	209	311
4/0	19	0.055	1.40	0.588	14.94	253	376
250	22	0.065	1.65	0.653	16.59	304	452
350	35	0.065	1.65	0.749	19.02	410	610
400	35	0.065	1.65	0.792	20.12	463	689
500	35	0.065	1.65	0.869	22.07	567	844
600	58	0.080	2.03	0.976	24.79	695	1034
750	58	0.080	2.03	1.071	27.20	851	1266
1000	58	0.080	2.03	1.223	31.06	1110	1651