



POWER KABEL INC.

TYPE MC-HL ALUMINUM CONDUCTORS 600V

3C & 4C 6AWG- 900KCMIL ALUMINUM XHHW-2 BARE GROUND ALUMINUM ARMORED JACKETED

APPLICATIONS & FEATURES

MC Cable is suitable for use as follows: Branch, feeder and service power distribution in commercial, industrial, and multi-residential buildings, power, lighting, control and signal circuits. Suitable for use in cable trays, approved raceways, concealed or exposed installations, environmental air-handling spaces, risers, as well as hazardous locations as permitted in articles 501,502,503 and 504

INDUSTRY COMPLIANCES

UL 44, 83, 1569 for Type MC Cable for CT Use
 NEMA WC-70/ICEA S-95-658
 IEEE 1202 70,000 BTU/HR Vertical Tray Flame Test

ASTM B800 & B801
 NEC 518.4, NEC 520.5, NEC 645.5, and NEC 300.22 for
 environmental air-handling spaces

CONSTRUCTION

CONDUCTORS: Compact strand 8000 series aluminum alloy conductors
INSULATION: Color coded cross-linked polyethylene XHHW-2 AA-8000 XLP insulation. A binder tape is wrapped over the insulated conductors' assembly
GROUND: Uninsulated bare aluminum
ASSEMBLY: A binder tape is wrapped over the conductors with interlocked aluminum armor applied over the assembly
ARMOR: Aluminum Interlocked Armor (AIA)
JACKET: Overall black polyvinyl chloride (PVC) jacket, which is heat, moisture and sunlight resistant

AWG/No OF CONDUCTORS	GROUND SIZE (AWG)	INSULATION THICKNESS (INCHES)	JACKET THICKNESS (INCHES)	DIAMETER OVER ARMOR (INCHES)	DIAMETER OVER JACKET (INCHES)	NET WEIGHT (LBS/1000 FT)
6/3	6	0.045	0.05	0.91	1.01	356
6/4	6	0.045	0.05	0.98	1.09	418
4/3	6	0.045	0.05	1.01	1.11	436
4/4	6	0.045	0.05	1.09	1.19	517
2/3	6	0.045	0.05	1.13	1.23	550
2/4	6	0.045	0.05	1.23	1.33	662
1/3	4	0.055	0.05	1.25	1.35	671
1/4	4	0.055	0.05	1.36	1.46	811
1/0-3	4	0.055	0.05	1.33	1.43	764
1/0-4	4	0.055	0.05	1.45	1.55	930
2/0-3	4	0.055	0.05	1.42	1.52	875
2/0-4	4	0.055	0.06	1.55	1.68	1,104
3/0-3	4	0.055	0.05	1.52	1.63	1,042
3/0-4	4	0.055	0.06	1.67	1.79	1,282
4/0-3	2	0.055	0.06	1.64	1.77	1,233
4/0-4	2	0.055	0.06	1.82	1.95	1,568
250/3	2	0.065	0.06	1.79	1.91	1,410

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250/4	1	0.065	0.06	1.98	2.11	1,836
300/3	2	0.065	0.06	1.92	2.05	1,644
300/4	1	0.065	0.06	2.11	2.24	2,065
350/3	2	0.065	0.06	2.02	2.15	1,826
350/3	1/0	0.065	0.06	2.02	2.15	1,960
350/4	1/0	0.065	0.06	2.22	2.35	2,391
400/3	1	0.065	0.06	2.12	2.25	2,022
400/3	2/0	0.065	0.06	2.12	2.25	2,175
400/4	1/0	0.065	0.075	2.33	2.49	2,926
400/4	3/0	0.065	0.075	2.33	2.49	2,812
400/4	350	0.065	0.075	2.48	2.64	3,197
500/3	1	0.065	0.075	2.29	2.45	2,441
500/3	2/0	0.065	0.075	2.26	2.41	2,646
500/3	250	0.065	0.075	2.29	2.45	2,726
500/4	2/0	0.065	0.075	2.53	2.68	3,110
500/4	4/0	0.065	0.075	2.53	2.68	3,336
500/4	250	0.065	0.075	2.53	2.68	3,384
600/3	1	0.08	0.075	2.53	2.69	2,888
600/3	400	0.08	0.075	2.53	2.69	3,328
600/4	2/0	0.08	0.075	2.8	2.95	3,707
600/4	400	0.08	0.085	2.8	2.98	3,987
750/3	1/0	0.08	0.075	2.75	2.9	3,423
750/3	3/0	0.08	0.075	2.75	2.9	3,646
750/3	750	0.08	0.075	2.86	3.01	4,238
750/4	3/0	0.08	0.085	3.04	3.22	4,441
750/4	350	0.08	0.085	3.04	3.22	4,562
750/4	400	0.08	0.085	3.04	3.22	4,624
750/4	600	0.08	0.085	3.13	3.3	4,835
750/4	750	0.08	0.085	3.18	3.36	5,016
900/3	500	0.08	0.075	2.95	3.11	4,287

All values are nominal and subject to correction.