



POWER KABEL INC.

CONTINUOUSLY WELDED CORRUGATED CABLE TYPE MC-HL 600V

3C & 4C 14 AWG -750KCMIL XHHW-2 Cable Aluminum Armor 90°C

APPLICATIONS & FEATURES

Power Cable features three (with three individual grounds) or four conductor configurations features three (with three individual grounds) or four conductor configurations (with three or single ground – see chart) with non-wicking, non-hygroscopic fillers, a binder tape then continuously welded aluminum armor with a PVC jacket making the cable impervious to environmental penetration. Type MC-HL is suitable for use in Class I, II & III Division 1 and 2 hazardous locations making it a cost effective alternative to cable and rigid conduit. It is perfect for use on feeders, branch circuits or services for signaling circuits, power, lighting, and control. It may be installed indoors or outside, in wet or dry locations and is sunlight resistant and can be direct buried. It may also be used in cable tray. It is often used in industrial plant settings

INDUSTRY COMPLIANCES

UL Listed MC Cable 3
 UL Listed as Type MC-HL
 UL Listed for cable tray use UL44, UL1581, UL1569, UL2225
 Meets NEC Articles 250-118, 501, 502, 503, 505,
 725 for hazardous locations. 2
 Sunlight Resistant, Direct Burial, Oil Resistant

CONSTRUCTION

CONDUCTORS:	Primary and grounding conductors are stranded, soft drawn annealed copper. Grounding conductors are bare copper
INSULATION:	Cross-linked polyethylene, color coded for identification per ICEA Method 1.E-2 for sizes 6 and smaller. Sizes 4 and larger are surface printed with numbers and colors per ICEA Method 3.
ARMOR:	Continuously welded, impervious, corrugated aluminum armor. Exceeds the grounding requirements of NEC 250.122.
OUTER JACKET:	Black Polyvinyl Chloride (PVC)

AWG	No OF COND	INSULATION THICKNESS (MILS)	GROUND CONDUCTOR (No X AWG)	ARMOR OD (INCHES)	JACKET THICKNESS (MILS)	OVERALL OD (INCHES)	Approx. Net Wt. (Lbs/Mft)
14	3	30	3 X 18	0.53	50	0.64	160
14	4	30	3 x 18	0.58	50	0.69	222
12	3	30	3 x 16	0.58	50	0.69	239
12	4	30	3 x 16	0.67	50	0.78	286
10	3	30	3 x 14	0.62	50	0.73	300
10	4	30	3 x 14	0.67	50	0.78	348
8	3	45	3 x 14	0.71	50	0.81	385
8	4	45	1 x10	0.80	50	0.90	465
6	3	45	3 x 12	0.80	50	0.90	525

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AWG/No OF COND	No OF COND	INSULATION THICKNESS (MILS)	GROUND CONDUCTOR (No X AWG)	ARMOR OD (INCHES)	JACKET THICKNESS (MILS)	OVERALL OD (INCHES)	Approx. Net Wt. (Lbs/Mft)
6	4	45	1 x 8	0.89	50	0.99	630
4	3	45	3 x 12	0.89	50	0.99	704
4	4	45	1 x 8	0.97	50	1.08	845
2	3	45	3 x 10	1.02	50	1.12	995
2	4	45	1 x 6	1.15	50	1.26	1245
1	3	55	3 x 10	1.15	50	1.26	1100
1	4	55	1 x 6	1.29	50	1.40	1500
1/0	3	55	3 x 10	1.24	50	1.34	1470
1/0	4	55	1 x 6	1.37	50	1.48	1830
2/0	3	55	3 x 10	1.34	50	1.44	1770
2/0	4	55	1 x 6	1.51	60	1.64	2310
4/0	3	55	3 x 8	1.6	60	1.73	2675
4/0	4	55	1 x 4	1.78	60	1.91	3430
250	3	55	3 x 8	1.74	60	1.87	3140
250	4	55	1 x 4	1.96	60	2.09	4070
350	3	55	3 x 7	1.96	60	2.09	4210
350	4	55	1 x 3	2.19	75	2.35	5440
500	3	55	3 x 6	2.28	75	2.44	5930
500	4	55	1 x 2	2.49	75	2.65	7570
750	3	55	3 x 5	2.75	75	2.92	8700
750	4	55	1 x 1	3.03	85	3.21	11250