

VITALink® MC Single Conductor 2-Hour Fire Rated Power Cable

Product Code	Size (AWG kcmil)	# of Conductor	Nom. Core Diameter (In)	Nom. Armor Diameter (In)	Approximate Net Weight (Lbs/1000 ft)	Ampacity 75°C Conductor ¹	Ampacity 90°C Conductor ¹
VM011X0-100	1/0	1	0.66	1.00	815	206	214
VM012X0-100	2/0	1	0.70	1.04	925	239	247
VM013X0-100	3/0	1	0.75	1.08	1,055	276	287
VM014X0-100	4/0	1	0.81	1.16	1,235	324	335
VM01250-100	250	1	0.89	1.22	1,410	361	374
VM01350-100	350	1	0.99	1.35	1,795	448	464
VM01500-100	500	1	1.13	1.50	2,350	560	580
VM01750-100	750	1	1.34	1.73	3,285	720	747

¹Ampacities based on NEC (NFPA 70-2017) Article 330.80(B) and Table 310.15(B)(20) adjusted to 30°C ambient. Termination device temperature rating shall match conductor temperature rating for ampacity.

VITALink® MC Multi Conductor 2-Hour Fire Rated Power Cable

Product Code	Size (AWG kcmil)	# of Conductor	Nom. Core Diameter (In)	Nom. Armor Diameter (In)	Approximate Net Weight (Lbs/1000 ft)	Ampacity 75°C Conductor ²	Ampacity 90°C Conductor ²
VM02014-100	14	2	0.49	0.82	395	20 ³	25 ³
VM02012-100	12	2	0.53	0.82	415	25 ³	30 ³
VM02010-100	10	2	0.58	0.89	475	35 ³	40 ³
VM03014-100	14	3	0.52	0.82	425	20 ³	25 ³
VM03012-100	12	3	0.56	0.89	475	25 ³	30 ³
VM03010-100	10	3	0.61	0.94	542	35 ³	40 ³
VM03008-100	8	3	0.72	1.04	675	50	55
VM03006-100	6	3	0.80	1.16	840	65	75
VM03004-100	4	3	0.91	1.24	1,140	85	95
VM03003-100	3	3	0.97	1.30	1,210	100	115
VM03002-100	2	3	1.04	1.41	1,400	115	130
VM03001-100	1	3	1.21	1.59	1,715	130	145
VM031X0-100	1/0	3	1.29	1.67	1,990	150	170
VM032X0-100	2/0	3	1.39	1.80	2,345	175	195
VM033X0-100	3/0	3	1.49	1.92	2,755	200	225
VM034X0-100	4/0	3	1.62	2.04	3,305	230	260
VM03250-100	250	3	1.80	2.26	3,870	255	290
VM03350-100	350	3	2.02	2.48	5,015	310	350
VM03500-100	500	3	2.30	2.82	6,720	380	430
VM04014-100	14	4	0.57	0.89	480	20 ³	25 ³
VM04012-100	12	4	0.62	0.94	575	25 ³	30 ³
VM04010-100	10	4	0.67	1.00	635	35 ³	40 ³
VM04008-100	8	4	0.80	1.16	815	50	55
VM04006-100	6	4	0.89	1.22	990	65	75
VM04004-100	4	4	1.00	1.35	1,285	85	95
VM04003-100	3	4	1.07	1.41	1,475	100	115
VM04002-100	2	4	1.15	1.50	1,710	115	130
VM04001-100	1	4	1.34	1.73	2,125	130	145
VM041X0-100	1/0	4	1.43	1.82	2,485	150	170
VM042X0-100	2/0	4	1.54	1.95	2,935	175	195
VM043X0-100	3/0	4	1.68	2.12	3,530	200	225
VM044X0-100	4/0	4	1.82	2.26	4,205	230	260
VM04250-100	250	4	2.00	2.46	4,925	255	290
VM04350-100	350	4	2.25	2.71	6,420	310	350
VM04500-100	500	4	2.60	3.13	8,740	380	430
VM05014-100	14	5	0.63	0.94	535	20	25
VM05012-100	12	5	0.68	1.00	615	25	30
VM05010-100	10	5	0.74	1.08	720	35	40
VM05008-100	8	5	0.88	1.22	930	50	55
VM05006-100	6	5	0.99	1.30	1,160	65	75
VM05004-100	4	5	1.11	1.48	1,525	85	95

²Ampacities based on NEC (NFPA 70-2017) Table 310.15(B)(16) for 3 current carrying conductors at 30°C ambient temperature. Termination device temperature rating shall match conductor temperature rating for ampacity.

³Small conductor limitations per NEC (NFPA 70-2017) Article 240.4(D): 14 AWG = 15 amps, 12 AWG = 20 amps, 10 AWG = 30 amps.



Marmon Engineered Wire & Cable LLC
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