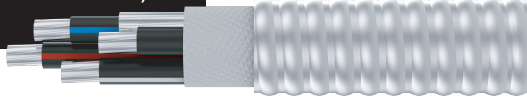




DONGCHAO

Three or Four Conductor UL Type MC, Aluminum Conductor, XHHW-2, AIA, 90° C Dry, Rated 600 V



APPLICATIONS

UL Type MC cables with XHHW-2 conductors are primarily used for services, feeders and branch circuits in commercial and residential applications in accordance with the NEC. Suitable applications include for indoor power and lighting circuits, exposed or concealed, cable tray, raceway (conduit) and embedded in plaster or in contact with masonry. The cable is suitable for dry locations only at temperatures not to exceed 90°C. The cable is rated 600 V.

CONSTRUCTION

Conductor: Annealed compact stranded AA-8000 series Aluminum Conductor Material (ACM).

Insulation: Abrasion, moisture, and heat resistant black crosslinked polyethylene (XLPE) with colored stripe.

Assembly: Cabled assembly with an equipment grounding conductor and a binder tape overall.

Armor: Aluminum Interlocked Armor (AIA).

CONDUCTOR IDENTIFICATION

Three Conductors: Black, Black with Red Stripe, Black with White Stripe

Four Conductors: Black, Black with Red Stripe, Black with Blue Stripe, Black with White Stripe

VOLTAGE RATING: 600 V

STANDARDS

These cables are manufactured and tested to meet or exceed the following standards:

- UL 44 – Thermoset-Insulated Wires and Cables
- UL 1479 – Fire Tests of Through-Penetration Firestops
- UL 1569 – Metal-Clad Cables.

LISTINGS AND CERTIFICATIONS

UL listed as Type MC – File E487848

UL Classified 1, 2, and 3 Hour Through-Penetration Firestop Systems

PART NO.	CONDUCTOR		INSULATION THICKNESS (MILS)	NOMINAL OD (INCHES)	NET WEIGHT		AMPACITY			PART NO.	CONDUCTOR		INSULATION THICKNESS (MILS)	NOMINAL OD (INCHES)	NET WEIGHT		AMPACITY		
	SIZE (AWG or KCMIL)	GALV.			(LBS/FT)	60°C	75°C	90°C	SIZE (AWG or KCMIL)		GALV.	(LBS/FT)			60°C	75°C	90°C		
THREE CONDUCTORS W/BARE GROUND										FOUR CONDUCTORS W/BARE GROUND									
MC-6-03MCGAL	6-6-6-6	45	0.78	210	40	50	55			MC-6-04MCGAL	6-6-6-6-6	45	0.85	269	40	50	55		
MC-4-03MCGAL	4-4-4-6	45	0.88	285	55	65	75			MC-4-04MCGAL	4-4-4-4-6	45	0.99	384	55	65	75		
MC-2-03MCGAL	2-2-2-6	45	1.01	396	75	90	100			MC-2-04MCGAL	2-2-2-2-6	45	1.11	499	75	90	100		
MC-1-03MCGAL	1-1-1-4	45	1.12	503	85	100	115			MC-1-04MCGAL	1-1-1-1-4	55	1.24	655	85	100	115		
MC-1/0-03MCGAL	1/0-1/0-1/0-4	55	1.20	586	100	120	135			MC-1/0-04MCGAL	1/0-1/0-1/0-1/0-4	55	1.33	767	100	120	135		
MC-2/0-03MCGAL	2/0-2/0-2/0-4	55	1.29	687	115	135	150			MC-2/0-04MCGAL	2/0-2/0-2/0-2/0-4	55	1.42	903	115	135	150		
MC-3/0-03MCGAL	3/0-3/0-3/0-4	55	1.39	818	130	155	175			MC-3/0-04MCGAL	3/0-3/0-3/0-3/0-4	55	1.54	1077	130	155	175		
MC-4/0-03MCGAL	4/0-4/0-4/0-2	55	1.50	992	150	180	205			MC-4/0-04MCGAL	4/0-4/0-4/0-4/0-2	55	1.66	1313	150	180	205		
MC-250-03MCGAL	250-250-250-2	65	1.78	1172	170	205	230			MC-250-04MCGAL	250-250-250-250-1	65	1.83	1518	170	205	230		
MC-300-03MCGAL	300-300-300-2	65	1.79	1161	195	230	260			MC-300-04MCGAL	300-300-300-300-1	65	1.99	1722	195	230	260		
MC-350-03MCGAL	350-350-350-2	65	1.86	1321	210	250	280			MC-350-04MCGAL	350-350-350-350-1/0	65	2.19	2132	210	250	280		
MC-400-03MCGAL	400-400-400-1	65	1.99	1692	225	270	305			MC-400-04MCGAL	400-400-400-400-1/0	65	2.29	2415	225	270	305		
MC-500-03MCGAL	500-500-500-1	65	2.25	2249	260	310	350			MC-500-04MCGAL	500-500-500-500-2/0	65	2.47	2881	260	310	350		
MC-600-03MCGAL	600-600-600-1	80	2.38	2420	285	340	385			MC-600-04MCGAL-250	500-500-500-500-250	65	2.53	3048	260	310	350		
MC-700-03MCGAL	700-700-700-1/0	80	2.52	2768	315	375	425			MC-600-04MCGAL	600-600-600-600-2/0	80	2.67	3177	285	340	385		
MC-750-03MCGAL	750-750-750-1/0	80	2.68	3213	320	385	435			MC-600-04MCGAL-400	600-600-600-600-400	80	2.89	3464	285	340	385		
MC-900-03MCGAL	900-900-900-250	80	2.78	3556	355	425	480			MC-700-04MCGAL	700-700-700-700-2/0	80	2.86	3825	315	375	425		
										MC-750-04MCGAL	750-750-750-750-3/0	80	2.94	4199	320	385	435		
										MC-750-04MCGALF	750-750-750-750-750	80	3.30	4473	320	385	435		
										MC-900-04MCGAL	900-900-900-900-250	80	3.12	4587	355	425	480		
										MC-900-04MCGALF	900-900-900-900-900	80	3.60	5268	355	425	480		



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