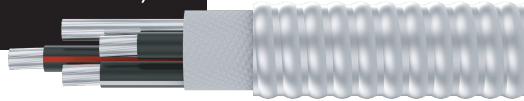




DONGCHAO

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



APPLICATIONS

UL Type MC cables with THHN / THWN-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: Low coefficient of friction, abrasion, moisture, and heat resistant colored polyvinyl chloride (PVC).

Covering: Low coefficient of friction, abrasion, moisture, and heat resistant translucent Nylon polyamide.

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 83 – Thermoplastic-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

Item Number	Cable Description	Conductor Size (AWG or kcmil)	Conductors	Ground Size (AWG or kcmil)
A4-03MC6	4-4-4+6	4	3	6
A3-03MC6	3-3-3+6	3	3	6
A2-03MC6	2-2-2+6	2	3	6
A2-03MC4	2-2-2+4	2	3	4
A1-03MC4	1-1-1+4	1	3	4
A1/0-03MC4	1/0-1/0-1/0+4	1/0	3	4
A2/0-03MC4	2/0-2/0-2/0+4	2/0	3	4
A3/0-03MC4	3/0-3/0-3/0+4	3/0	3	4
A4/0-03MC2	4/0-4/0-4/0+2	4/0	3	2
A250-03MC2	250-250-250+2	250	3	2
A250-03MC3/0	250-250-250+3/0	250	3	3/0
A300-03MC1	300-300-300+1	300	3	1
A350-03MC1	350-350-350+1	350	3	1
A400-03MC1	400-400-400+1	400	3	1
A500-03MC1	500-500-500+1	500	3	1
A500-03MC2/0	500-500-500+2/0	500	3	2/0
A500-03MC3/0	500-500-500+3/0	500	3	3/0
A600-03MC1	600-600-600+1	600	3	1

Item Number	Cable Description	Conductor Size (AWG or kcmil)	Conductors	Ground Size (AWG or kcmil)
A600-03MC1/0	600-600-600+1/0	600	3	1/0
A750-03MC1/0	750-750-750+1/0	750	3	1/0
A750-03MC3/0	750-750-750+3/0	750	3	3/0
A6-04MC6	6-6-6-6+6	6	4	6
A4-04MC6	4-4-4-4+6	4	4	6
A3-04MC6	3-3-3-3+6	3	4	6
A2-04MC4	2-2-2-2+4	2	4	4
A1-04MC4	1-1-1-1+4	1	4	4
A1/0-04MC4	1/0-1/0-1/0-1/0+4	1/0	4	4
A2/0-04MC4	2/0-2/0-2/0-2/0+4	2/0	4	4
A3/0-04MC4	3/0-3/0-3/0-3/0+4	3/0	4	4
A4/0-04MC2	4/0-4/0-4/0-4/0+2	4/0	4	2
A250-04MC1	250-250-250-250+1	250	4	1
A300-04MC1	300-300-300-300+1	300	4	1
A350-04MC1/0	350-350-350-350+1/0	350	4	1/0
A400-04MC1/0	400-400-400-400+1/0	400	4	1/0
A500-04MC3/0	500-500-500-500+3/0	500	4	3/0
A600-04MC3/0	600-600-600-600+3/0	600	4	3/0
A750-04MC3/0	750-750-750-750+3/0	750	4	3/0
A750-04MC750	750-750-750-750+750	750	4	750