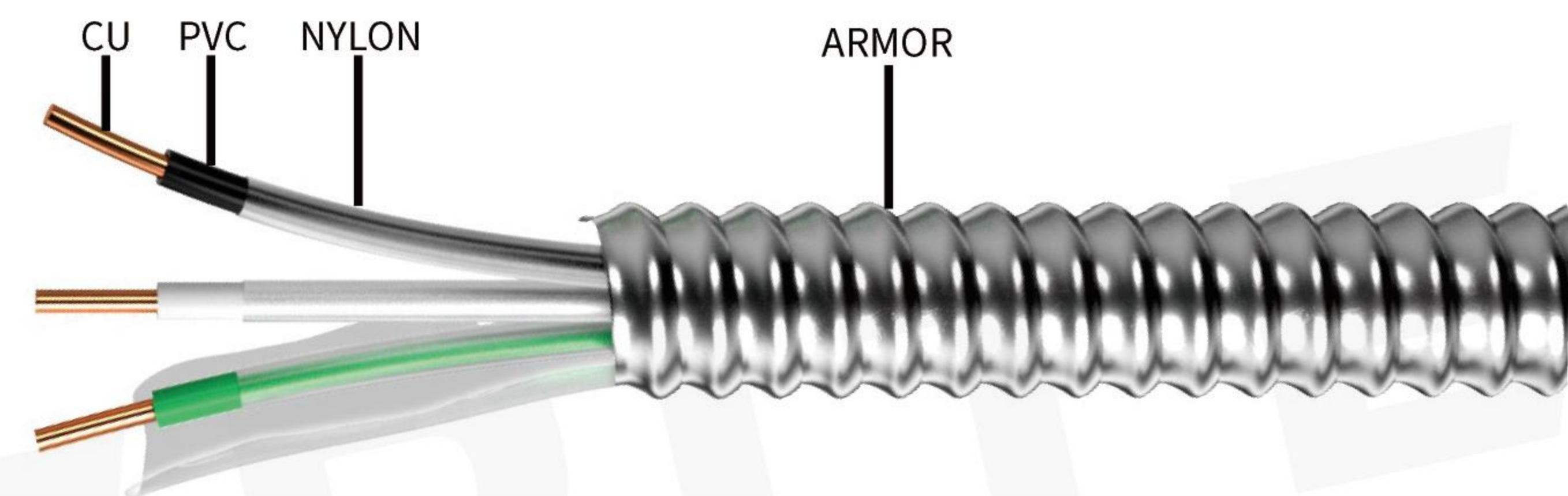


METAL CLAD CABLE



APPLICATION

Type MC cables are suitable for use as follows: branch, feeder and service power distribution in commercial, industrial, institutional, and multi-residential buildings. Power, lighting, control, and signal circuits. Type THHN/THWN conductors are rated 90°C dry/ 75 °C wet. They are permitted for 600V application

COLOR CODING

2 Cores: black, white
 3 Cores: black, white, red
 4 Cores: black, white, red, blue
 Grounding conductor: green

APPROVALS

UL83, UL1569, CUL

CABLE DESIGN

Conductor: Pure Copper
 Conductor Insulation: PVC
 Conductor Jacket: NYLON
 Armor: Aluminum Interlock Armor
 Rated voltage: 600V

Size AWG	Strands No./OD (mm) ^a	PVC Insulation Average Thickness(mm)	Nylon Jacket Minimum Thickness (mm)	Approx O.D (mm)	Max.DCResistance (20°C,Ωkm) (Bare Copper)	Approx Weight (kg/km)
14/2+14/1	1/1.63	0.38	0.10	11.9	8.45	141.54
14/3+14/1	1/1.63	0.38	0.10	12.5	8.45	170.75
14/4+14/1	1/1.63	0.38	0.10	13.1	8.45	200.36
12/2+12/1	1/2.05	0.38	0.10	12.8	5.31	184.82
12/3+12/1	1/2.05	0.38	0.10	13.6	5.31	227.02
12/4+12/1	1/2.05	0.38	0.10	14.4	5.31	269.69
10/2+10/1	1/2.59	0.51	0.10	14.5	3.343	263.46
10/3+10/1	1/2.59	0.51	0.10	15.5	3.343	329.09
10/4+10/1	1/2.59	0.51	0.10	16.6	3.343	395.30

Size AWG	Strands No./OD (mm) ^a	PVC Insulation Average Thickness(mm)	Nylon Jacket Minimum Thickness (mm)	Approx O.D (mm)	Max.DCResistance (20°C,Ωkm) (Bare Copper)	Approx Weight (kg/km)
8/2+10/1	7/1.23 1/2.59	0.76/0.51	0.13/0.10	17.1	2.144/ 3.343	364.61
8/3+10/1	7/1.23 1/2.59	0.76/0.51	0.13/0.10	18.6	2.144/ 3.343	471.96
8/4+10/1	7/1.23 1/2.59	0.76/0.51	0.13/0.10	20.2	2.144/ 3.343	582.33
6/2+8/1	7/1.56 7/1.23	0.76/0.76	0.13/0.13	21.3	1.348/ 2.144	521.37
6/3+8/1	7/1.56 7/1.23	0.76/0.76	0.13/0.13	22.0	1.348/ 2.144	686.69
6/4+8/1	7/1.56 7/1.23	0.76/0.76	0.13/0.13	23.9	1.348/ 2.144	850.00
4/2+8/1	7/1.96 7/1.23	1.02/0.76	0.15/0.13	24.1	0.848/ 2.144	721.34
4/3+8/1	7/1.96 7/1.23	1.02/0.76	0.15/0.13	27.3	0.8481/ 2.144	1023.89
4/4+8/1	7/1.96 7/1.23	1.02/0.76	0.15/0.13	28.7	0.8481/ 2.144	1284.51
3/2+6/1	7/2.20 7/1.56	1.02/0.76	0.15/0.13	25.7	0.6727/ 1.348	944.59
3/3+6/1	7/2.20 7/1.56	1.02/0.76	0.15/0.13	28.0	0.6727/ 1.348	1258.36
3/4+6/1	7/2.20 7/1.56	1.02/0.76	0.15/0.13	30.6	0.6727/ 1.348	1575.69
2/2+6/1	7/2.47 7/1.56	1.02/0.76	0.15/0.13	27.4	0.5335/ 1.348	1097.85
2/3+6/1	7/2.47 7/1.56	1.02/0.76	0.15/0.13	30.0	0.5335/ 1.348	1478.98
2/4+6/1	7/2.47 7/1.56	1.02/0.76	0.15/0.13	32.8	0.5335/ 1.348	1867.82
1/2+6/1	19/1.69 7/1.56	1.27/0.76	0.18/0.13	30.9	0.4230/ 1.348	1334.92
1/3+6/1	19/1.69 7/1.56	1.27/0.76	0.18/0.13	33.9	0.4230/ 1.348	1816.76
1/4+6/1	19/1.69 7/1.56	1.27/0.76	0.18/0.13	37.2	0.4230/ 1.348	2314.28