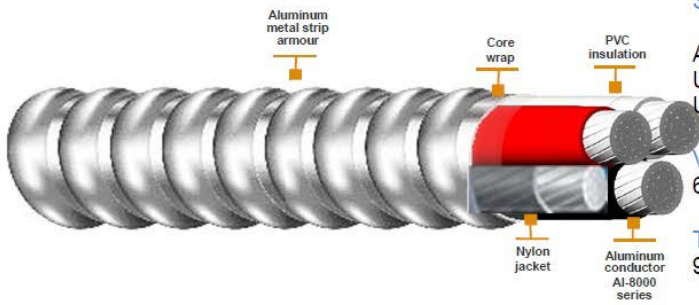


155 Marcus Blvd
Hauppauge, New York 11788

THREE-CONDUCTOR + BARE GROUND THHN/THWN-2 TYPE MC CABLE 600V 90°C, ALUMINUM 8000 SERIES



Specifications

ASTM B8
UL 83
UL 1569

Voltage Rating
600 V

Temperature Rating
90°C Wet & dry location

Color-coding

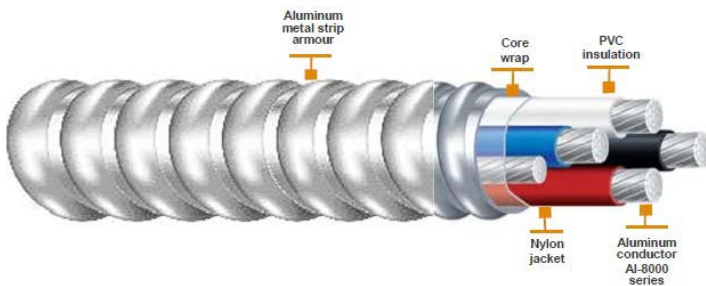
Black, red, & white

Applications

For installation in duct or conduit, direct-burial, and indoor installation in cable tray.

Three Phase Conductor				Bare Ground Conductor				Core diameter (approx.)	Alum strip armour mean diameter (approx.)	Cable diameter (approx.)	Cable weight (approx.)
Size	Conductor diameter (approx.)	PVC thickness	Nylon thickness	Size	Conductor diameter (approx.)	PVC thickness	Nylon thickness				
AWG / MCM	mm	mm	mm	AWG / MCM	mm	mm	mm	mm	mm	kg / km	
2	6.7	1.02	0.15	6	4.2	-	-	19.6	17.0	24.8	567
1	7.6	1.27	0.18	4	5.3	-	-	23.3	20.7	28.5	894
1 / 0	8.5	1.27	0.18	4	5.3	-	-	24.8	22.2	30.0	996
2 / 0	9.6	1.27	0.18	4	5.3	-	-	27.1	24.5	32.3	1,164
3 / 0	10.8	1.27	0.18	4	5.3	-	-	29.6	27.0	34.8	1,362
4 / 0	12.1	1.27	0.18	2	6.7	-	-	32.4	29.8	37.6	1,638
250	13.2	1.52	0.20	2	6.7	-	-	36.0	33.4	41.2	1,924
250	13.2	1.52	0.20	1/0	8.5	-	-	36.7	34.1	41.9	2,022
300	14.4	1.52	0.20	1/0	8.5	-	-	38.7	36.1	43.9	2,278
350	15.6	1.52	0.20	2	6.7	-	-	41.2	38.6	46.4	2,464
500	18.6	1.52	0.20	1	7.6	-	-	47.7	45.1	52.9	3,266
750	22.8	1.78	0.23	1/0	8.5	-	-	58.1	54.5	65.3	4,869

FOUR-CONDUCTOR + BARE GROUND THHN/THWN-2 TYPE MC CABLE 600V 90°C, ALUMINUM 8000 SERIES



Specifications

ASTM B8
UL 83
UL 1569

Voltage Rating
600 V

Temperature Rating
90°C Wet & dry location

Color-coding

Black, Blue, Red & White

Applications

For installation in duct or conduit, direct-burial, and indoor installation in cable tray.

Four Phase Conductor				Bare Ground Conductor				Core diameter (approx.)	Alum strip armour mean diameter (approx.)	Cable diameter (approx.)	Cable weight (approx.)
Size	Conductor diameter (approx.)	PVC thickness	Nylon thickness	Size	Conductor diameter (approx.)	PVC thickness	Nylon thickness				
AWG / MCM	mm	mm	mm	AWG / MCM	mm	mm	mm	mm	mm	kg / km	
1	7.6	1.27	0.18	4	5.3	-	-	28.6	26.0	33.8	1,074
1 / 0	8.5	1.27	0.18	4	5.3	-	-	31.0	28.4	36.2	1,484
2 / 0	9.6	1.27	0.18	4	5.3	-	-	32.7	30.1	37.9	1,707
3 / 0	10.8	1.27	0.18	4	5.3	-	-	33.2	30.6	38.4	1,881
4 / 0	12.1	1.27	0.18	2	6.7	-	-	40.6	38.0	45.8	2,474
250	13.2	1.52	0.20	2	6.7	-	-	43.4	40.8	48.6	2,822
250	13.2	1.52	0.20	1	7.6	-	-	43.4	40.8	48.6	2,882
250	13.2	1.52	0.20	1/0	8.5	-	-	43.4	40.8	48.6	2,904
300	14.4	1.52	0.20	2	6.7	-	-	43.3	40.7	48.5	3,079
300	14.4	1.52	0.20	1/0	8.5	-	-	48.5	45.9	53.7	3,418
350	15.6	1.52	0.20	1/0	8.5	-	-	51.5	47.9	58.7	4,026
350	15.6	1.52	0.20	2/0	9.6	-	-	51.5	47.9	58.7	4,026
500	18.6	1.52	0.20	2/0	9.6	-	-	59.7	56.1	66.9	4,514
500	18.6	1.52	0.20	250	13.2	-	-	59.7	56.1	66.9	4,682
600	20.4	1.78	0.23	400	16.6	-	-	66.2	62.6	73.4	5,742
700	22.0	1.78	0.23	3/0	10.8	-	-	63.1	59.5	70.3	5,995
750	22.8	1.78	0.23	3/0	10.8	-	-	65.0	61.4	72.2	6,350
750	22.8	1.78	0.23	750	22.8	-	-	72.8	69.2	80.0	8,149