

Aluminum Interlocked Armor, 90°C -600 Volt -UL Type MC, 3-Conductor



Product Construction

Conductor:

- Bare copper
- Class B stranding per ASTM B3 and B8

Insulation:

- Flame-retardant Cross-linked Polyethylene (XLPE)

Grounding Conductor:

- Annealed bare copper Class B stranding per ASTM B8

Jacket:

- Flame-retardant, moisture and sunlight resistant Polyvinyl Chloride (PVC)

Applications

- In all raceways or direct burial
- In wet or dry locations
- Permitted for use in Class I, Division II and Class II, Division II, and Class III, Division I and II per NEC Article 334

Features

- Rated at 90°C wet or dry
- Sunlight resistant
- Provides excellent oil and chemical resistance
- Excellent crush resistance
- Provides a long service life
- Flame-retardant and resistant to moisture
- Cost-effective alternative to installations in conduit
- Meets cold bend test at -25°C

Standards

- UL 1569, UL 44, UL 1581, UL Type MC-600 volts
- NEC Type XHHW-2 conductors
- IEEE 1202
- OSHA Acceptable

Additional Information

- Conductor 1 | Black
- Conductor 2 | Red
- Conductor 3 | Blue

Color Code Chart	
Cond. #	Color
1	Black
2	Red
3	Blue

Armored Cable



Part #	AWG	Conductors	Ground AWG	Insulation Thickness	Nominal O.D. Over Armor	Nom. O.D. Overall	Lbs./M'
Y11203A	12	3	12	.030'	.54'	.66'	227
Y11002A	10	2	10	.030'	.54'	.71'	245
Y11003A	10	3	10	.030'	.61'	.72'	301
Y10803A	8	3	10	.045'	.75'	.84'	402
Y10603A	6	3	8	.045'	.83'	.95'	548
Y10403A	4	3	8	.045'	.92'	1.005'	736
Y10203A	2	3	6	.045'	1.05'	1.18'	1053
Y10103A	1	3	6	.055'	1.23'	1.29'	1274
Y11/003A	1/0	3	6	.055'	1.33'	1.38'	1521
Y12/003A	2/0	3	6	.055'	1.43'	1.48'	1827
Y13/002A	3/0	3	4	.055'	1.55'	1.59'	2262
Y14/003A	4/0	3	4	0.55'	1.67'	1.79'	2785
Y125003A	250	3	4	.065'	1.81'	1.94'	3248
Y135003A	350	3	3	.065'	2.05'	2.16'	4346
Y150003A	500	3	2	.065'	2.33'	2.46'	6122
Y160003A	600	3	2	.080'	2.57'	2.72'	7835
Y175003A	750	3	1	.080'	2.85'	3.00'	8833

*Fittings are available for these products.

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.