Armored Cable

5kV - AIA - UL Type MV-105 - Shielded

Aluminum Interlocked Armor
EPR Insulation - PVC Jacket
UL Type MV-105 or MC
5kV/8kV - 3 Conductor - Shielded

*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Bare copper Compact Class B strand

Extruded Strand Shield:

- Thermoset semi-conducting extruded stress control layer over conductor

Category Insulation Description:

- Colored Ethylene Propylene Rubber (EPR) 5kV/133% insulation level 8kV/100% insulation level

Extruded Insulation Shield:

- Thermoset semi-conducting polymeric layer free stripping from insulation

Grounding Conductor:

- Annealed bare copper Class B stranding per ASTM B8

Shield:

- Annealed copper tape with a minimum 25% overlap

Armor:

- Aluminum interlocked armor

Category Jacket Description:

- Flame and sunlight resistant yellow Polyvinyl Chloride (PVC)

Applications:

- Installed in wet or dry locations, indoors or outdoors, in exposed or concealed work
- May be used in cable trays or on approved support in protected areas
- Permitted for use in Class I; Class II, Divisions 1 and 2 hazardous locations per the NEC

Standards:

- UL Type MV-105
- UL Type MC
- UL 1072
- IEEE-1202
- OSHA Acceptable

Part Number Table						
Part#	**Gauge**	**Conductors**	**Ground No x AWG**	**Nominal OD over Armor**	**Outside Diameter Inches**	**Material Weight (Lbs./M')**
Y20203A	2	3	1 x #6	1.51	1.77	1819
Y21/003A	1/0	3	1 x #4	1.6	1.92	2364
Y22/003A	2/0	3	1 x #4	1.69	2	2696
Y24/003A	4/0	3	1 x #3	2.09	2.22	3687
Y225003A	250	3	1 x #3	2.21	2.34	4165
Y235003A	350	3	1 x #2	2.41	2.57	5436
Y250003A	500	3	1 x #1	2.64	2.84	7170

Note: The data shown are approximate and subect to standard industry and manufacturer tolerances