

15kV - AIA - UL Type MV-105/MC - Shielded

Aluminum Interlocked Armor
EPR Insulation - PVC Jacket
UL Type MV-105 or MC
15kV - 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

Category Insulation Description:

- Ethylene Polypropylene Rubber (EPR) 133% insulation level

Category Assembly Description:

- The insulated and shielded power conductors shall be cabled round with fillers and with a grounding conductor in one outer interstice and covered with a binder tape

Category Jacket Description:

- Red Polyvinyl Chloride (PVC) Flame, sunlight & moisture resistant

Standards:

- UL Type MV-105
- UL Type MC
- UL 1581
- UL 1072
- IEEE 1202 available upon request
- OSHA Acceptable

Conductor Shield:

- Extruded semi-conducting thermosetting stress control layer

Insulation Shield:

- 5 mil copper tape with 25% overlap

Armor:

- A single strip of aluminum interlocked armor

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 Division 2, Class II Division 2, and Class III Divisions 1 and 2 hazardous locations per the NEC

Part Number Table

Part#	Gauge	Conductors	Ground Gauge	Jacket Thickness	Nominal OD over Armor	Nominal OD Overall	Material Weight (Lbs./M')
Y30203A	2	3	6	0.06	2.08	2.21	2416
Y31/003A	1/0	3	4	0.075	2.22	2.35	2997
Y32/003A	2/0	3	4	0.075	2.31	2.44	3371
Y34/003A	4/0	3	3	0.075	2.53	2.7	4502
Y325003A	250	3	3	0.075	2.65	2.81	5005
Y335003A	350	3	2	0.085	2.85	3.01	6252
Y350003A	500	3	1	0.085	3.11	3.3	8091

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

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