

## 2.4kV - AIA - UL Type MV-90

Aluminum Interlocked Armor  
EPR Insulation - Non-Shielded  
90°C - 2.4kV - UL Type MV-95



\*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 Propylene rubber colored to contrast with black conducting shield layer

### Armor:

- Aluminum Interlocker armor

### Applications:

- Ideally suited for use in a broad range of commercial, industrial and utility applications where reliability is the major concern, maximum performance will be demanded, space is limited, and fire resistance is necessary
- May be installed in wet or dry locations, indoors or outdoors and in exposed or concealed work
- May be used in cable trays or on approved supports in protected areas

### Extruded Strand Shield:

- Extruded thermoset semi-conducting stress control layer over conductor

### Spec Ground:

- Annealed bare copper Class B stranding per ASTM B8

### Category Jacket Description:

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

### Standards:

- ICEA S-96-659
- NEMA WC-71
- UL 1072
- UL 1569
- IEEE 1202 available upon request
- UL 1581
- ICEA T-29-520
- ICEA T-30-520
- EPA 40 CFR part 261
- OSHA Acceptable

**Part Number Table**

<b>Part#</b>	<b>Houston Wire &amp; Cable</b>	<b>Gauge</b>	<b>Conductors</b>	<b>Ground Gauge</b>	<b>Conductor Diameter</b>	<b>Insulation Thickness</b>	<b>Jacket Thickness</b>	<b>Nominal OD over Armor</b>	<b>Material Weight (Lbs./M')</b>
Y70603A	HW30200603	6	3	6	.170"	0.115	0.05	1.16	854
Y70403A	HW30200403	4	3	6	.210"	0.115	0.05	1.26	1056
Y70203A	HW30200203	2	3	6	.270"	0.115	0.05	1.37	1335
Y71/003A	HW30210103	1/0	3	4	.340"	0.115	0.06	1.61	2003
Y72/003A	HW30220103	2/0	3	4	.380"	0.115	0.06	1.71	2326
Y74/003A	HW21240103	4/0	3	3	.480"	0.115	0.06	1.92	3211
Y725003A	HW30225003	250	3	3	.520"	0.115	0.06	2.00	3689
Y735003A	HW30235003	350	3	2	.620"	0.115	0.06	2.21	4835
Y750003A	HW21250003	500	3	1	.740"	0.115	0.075	2.46	6547
Y775003A	HW30275003	750	3	1/0	.910"	0.115	0.075	2.83	9320

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

Selling Exclusively Through Distribution Since 1977 <sup>TM</sup> | phone: 800-292-OMNI | website: [omnicable.com](http://omnicable.com)

Atlanta • Boston • Charlotte • Chicago • Cincinnati • Denver • Houston • Los Angeles • Philadelphia • San Francisco • Seattle •

St. Louis • Tampa • Toronto

© 2020 Omni Cable LLC