

2.4kV - AIA - UL Type MV-90

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



*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

Part#	Houston Wire & Cable	Gauge	Conductors	Ground Gauge	Conductor Diameter	Insulation Thickness	Jacket Thickness	Nominal OD over Armor	Material Weight (Lbs./M')
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	HW302.pdf	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	HW212.pdf	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	HW212.pdf	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

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