

INTERLOCKED ARMOR

THREE CONDUCTOR, EPR INSULATION, AIA/PVC JACKET, NON-SHIELDED, ARMORED, 2400V, UL TYPE MV-90 or MC

Construction

Description

Conductor:

- 6 AWG thru 1000 kcmil bare copper, compact Class B strand.

Extruded Strand Shield:

- Extruded thermoset semi-conducting stress control layer over conductor.

Insulation:

- Ethylene Propylene Rubber (EPR) colored to contrast with black conducting shield layer.

Ground:

- Annealed bare copper Class B stranding per ASTM B8.

Armor:

- Aluminum Interlocked Armor (AIA).

Jacket:

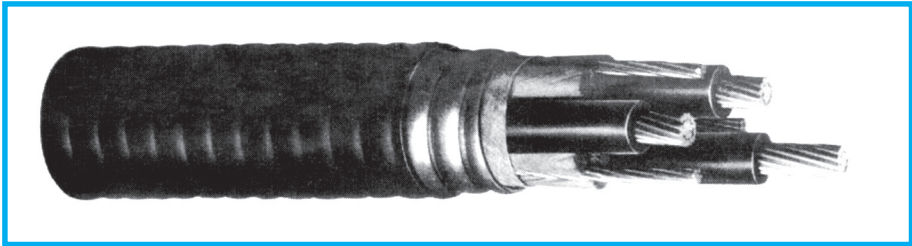
- Flame-retardant, moisture- and sunlight-resistant polyvinyl chloride (PVC).

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, ease of installation is critical 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.

Features:

- Rated at 90°C wet or dry.
- Excellent heat and moisture resistance.
- Outstanding corona resistance.
- Flexibility for easy handling.
- High dielectric strength.
- Low moisture absorption.
- Electrical stability under stress.
- Low dielectric loss.
- Chemical- and radiation-resistant.
- Excellent crush resistance.
- Flame or sunlight resistance.
- Cost-effective alternative to installations in conduit.
- Meets the cold bend test at -25°C.
- Sunlight resistant for CT use.



CUSTOM CATALOG NUMBER	COND. SIZE	NO. OF COND.	GROUND WIRE SIZE (AWG)	MIN. AVG. INSUL. THICK.	NOM. DIA. (OVER) ARMOR	NOMINAL CABLE O.D.	COPPER WEIGHT	NET WEIGHT
	(kcmil)			INCHES	INCHES		lbs./1000 ft.	lbs./1000 ft.
THREE CONDUCTOR — .115 MIL EPR INSULATION - 2400 V								
132510	6	3	6	0.115	1.18	1.29	307	845
132520	4	3	6	0.115	1.28	1.39	487	1096
132530	2	3	6	0.115	1.41	1.52	716	1399
132540	1/0	3	4	0.115	1.58	1.71	1231	2016
132550	2/0	3	4	0.115	1.70	1.83	1488	2448
132570	4/0	3	3	0.115	1.93	2.05	2217	3320
132580	250	3	3	0.115	1.99	2.12	2576	3783
132590	350	3	2	0.115	2.20	2.33	3655	5035
132600	500	3	1	0.115	2.47	2.63	5052	6740
132610	750	3	1/0	0.115	2.85	3.01	7380	9410
132620	1000	3	1/0	0.115	3.15	3.35	9709	12145

Dimensions and weights are nominal; subject to industry tolerances.

Standards:

- National Electric Code (NEC).
- ICEA S-96-659/NEMA WC-71.
- UL Listed as Type MV or Type MC.
- UL 1072.
- UL 1569.
- IEEE 1202 (70,000 BTU/hr.).
- IEEE 383 (70,000 BTU/hr.).
- UL 1581 (70,000 BTU/hr.).
- ICEA T-29-520 (210,000 BTU/hr.).
- ICEA T-30-520 (70,000 BTU/hr.).
- Meets EPA 40 CFR part 261 for leachable lead content per TCLP method.
- OSHA acceptable.

Packaging:

- Material cut to length and shipped on non-returnable wood reels, while lengths in excess of 10,000 lbs. are provided on returnable steel reels that require a deposit. Extra charges apply for cuts less than 1000 ft., lagging, pulling eyes, paralleling and plexing.



Custom Cable Corp.