



Interlocked Armor 600V / UL Type MC Galvanized Steel or Aluminum Multi-Conductor Copper XHHW-2

Standards:

UL 1569
 Flame Rated: IEEE-383 (70,000 BTU),
 ICEA T-29-520 (210,000 BTU),
 IEEE 1202/CSA FT-4
 Two-hour Firewall rated
 Sunlight Resistant for CT Use; Direct Burial¹, Oil Resistant II
 Jacket
 Color Code K-2 / other color codes available
 Temperature Rating: 90° C Wet/Dry
 ICEA S-95-658/NEMA WC-70

Description:

Conductors are Class B stranded copper, 30 mils, Type XHHW-2, phase identified, and cabled together with a **bare copper ground conductor. Cable Core covered with binder tape, Aluminum or Galvanized steel interlocked Armor, with an overall flame and sunlight resistant PVC Jacket. Jacket available under armor & in colors.

Features:

Suitable for use in NEC Hazardous locations:

- Class I, Div. 2 • Class II, Div. 2

Part Number	Number of Conductors	Grounding Conductors (AWG)	Diameter over Armor (inch)	PVC Jacket Thickness (mils)	Approximate Overall Diameter (inch)	Approx. Net Wt. per 1000 ft. (lbs.)		Ampacity* 30° Ambient Wet / Dry	
						Alum. Armor	Galv. Armor		
#14 AWG	AIAPVC14/2	2	14	.55	50	.65	170	233	25†
	AIAPVC14/3	3	14	.55	50	.65	187	250	25†
	AIAPVC14/4	4	14	.57	50	.67	210	268	20†
	AIAPVC14/5	5	14	.59	50	.69	232	302	20†
	AIAPVC14/7	7	14	.67	50	.77	292	374	17†
	AIAPVC14/9	9	14	.75	50	.85	347	442	17†
	AIAPVC14/12	12	14	.81	50	.91	414	510	12
	AIAPVC14/19	19	14	.91	50	1.01	561	681	12
	AIAPVC14/25	25	14	1.04	50	1.14	750	853	11
AIAPVC14/37	37	14	1.23	50	1.33	1,110	1,157	10	
#12 AWG	AIAPVC12/2	2	12	.55	50	.65	194	258	30†
	AIAPVC12/3	3	12	.57	50	.67	225	284	30†
	AIAPVC12/4	4	12	.61	50	.71	261	326	24†
	AIAPVC12/5	5	12	.65	50	.75	297	368	24†
	AIAPVC12/7	7	12	.75	50	.85	380	466	21†
	AIAPVC12/9	9	12	.83	50	.93	452	559	21†
	AIAPVC12/12	12	12	.89	50	.99	544	653	15
	AIAPVC12/19	19	12	1.00	50	1.10	755	891	15
	AIAPVC12/25	25	12	1.16	50	1.26	1,035	1,128	13
AIAPVC12/37	37	12	1.37	50	1.47	1,395	1,545	12	
#10 AWG	AIAPVC10/2	2	10	.59	50	.69	223	293	40†
	AIAPVC10/3	3	10	.61	50	.71	257	330	40†
	AIAPVC10/4	4	10	.67	50	.77	301	375	32†
	AIAPVC10/5	5	10	.71	50	.81	340	429	32†
	AIAPVC10/7	7	10	.83	50	.93	424	524	28
	AIAPVC10/9	9	10	.93	50	1.03	507	623	28
	AIAPVC10/12	12	10	.99	50	1.09	609	742	20
	AIAPVC10/19	19	10	1.13	50	1.23	846	1,001	20
	AIAPVC10/25	25	10	1.31	50	1.41	1,385	1,542	18
AIAPVC10/37	37	10	1.55	60	1.67	1,972	2,145	16	

*Per NEC Table 310-16 (Ampacity derated in accordance with note 8a)

¹ Includes encasement in concrete.

†The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG, and 30 amps for 10 AWG per NEC 310-16 footnote.

** Cable with 7 conductors or more shall have a green insulated ground.

NOTE: The data shown is approximate and subject to standard industry tolerances

2009