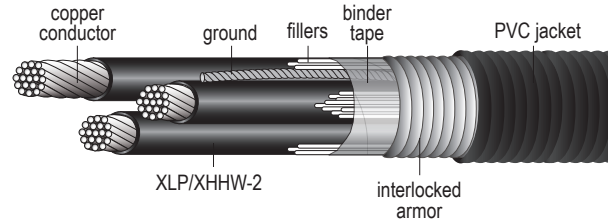


**INTERLOCKED ARMOR  
– POWER CABLE**

**600 Volt UL Type MC, CT USE, 90°C  
XLP XHHW-2 Insulation  
Aluminum Armor  
Copper Conductors**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Ground Wire Size AWG	Armor Diameter Inch	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft	Class I Div. 2 Connector Number	Rain Tight Connector Number
HW301 00803	8	3	7	45	10	0.75	50	0.86	600	424CU04	416MC04
HW301 00804	8	4	7	45	10	0.81	50	0.92	660	424CU04	416MC04
HW301 00603	6	3	7	45	8	0.83	50	0.94	810	424CU04	416MC04
HW301 00604	6	4	7	45	8	0.91	50	1.02	900	424CU04	416MC05
HW301 00403	4	3	7	45	8	0.93	50	1.04	1000	424CU04	416MC05
HW301 00404	4	4	7	45	8	1.04	50	1.15	1120	424CU05	416MC05
HW301 00203	2	3	7	45	8	1.08	50	1.19	1265	424CU05	416MC05
HW301 00204	2	4	7	45	6	1.18	50	1.29	1550	424CU06	416MC06
HW301 00103	1	3	19	45	6	1.21	50	1.32	1520	424CU06	416MC06
HW301 00104	1	4	19	45	6	1.33	50	1.44	1880	424CU06	416MC06
HW301 10103	1/0	3	19	45	6	1.31	50	1.42	1780	424CU06	416MC06
HW301 10104	1/0	4	19	45	6	1.43	50	1.54	2235	424CU07	416MC07

**APPLICATION:**

For use in harsh environments where maximum conductor protection is required. Used for power, control and lighting circuits in a broad range of commercial and industrial pulp and paper, mining, and petroleum applications. Approved for use in wet or dry locations at 90°C, for installation indoors or outdoors, aerially, in conduits, ducts, cable trays or direct burial in circuits not exceeding 600 volts. May be used in NEC Class I and II, Division 2 and Class III, Division 1 and 2 hazardous locations. UL approved for use at 90°C for continuous operation, 130°C for emergency overload conditions, and 250°C for short circuit conditions. Aluminum interlocked armor cable is recommended as an economical alternative to wire in conduit systems.

**CONDUCTORS:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

**INSULATION:**

Cross-linked polyethylene (XLP) per UL Standard 44 for Type XHHW-2 conductors

**GROUNDING CONDUCTOR:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance with UL Standard 1569

**ARMOR:**

Aluminum interlocked tape armor per UL 1569 and applicable ICEA standards, also available in galvanized steel armor

**JACKET:**

Black sunlight-resistant PVC per UL Standard 1569

**FLAME TESTS:**

UL 1581 (70,000 BTU/hr) Flame Test

**COLOR CODE:**

ICEA Method 4

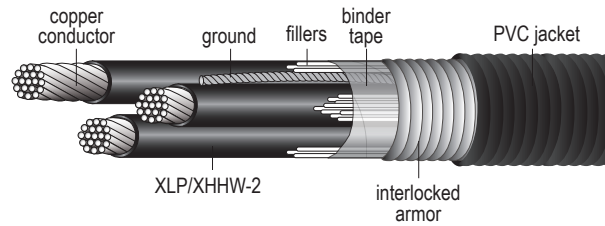
**CONNECTORS:**

- Explosion Proof, Class 1 Division 2: 424CU series – aluminum exterior components, nickel-plated brass interior components
- Rain Tight: 416MC series – all nickel-plated brass

**SPECIFICATION**  
**HW301**

**INTERLOCKED ARMOR  
– POWER CABLE**

**600 Volt UL Type MC, CT USE, 90°C  
XLP XHHW-2 Insulation  
Aluminum Armor  
Copper Conductors**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Ground Wire Size AWG	Armor Diameter Inch	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft	Class I Div. 2 Connector Number	Rain Tight Connector Number
HW301 20103	2/0	3	19	55	6	1.39	50	1.50	2110	424CU06	416MC07
HW301 20104	2/0	4	19	55	6	1.53	50	1.64	2690	424CU06	416MC07
HW301 30103	3/0	3	19	55	6	1.50	50	1.61	2625	424CU06	416MC07
HW301 30104	3/0	4	19	55	4	1.66	50	1.79	3285	424CU07	416MC08
HW301 40103	4/0	3	19	55	4	1.62	60	1.75	3130	424CU07	416MC08
HW301 40104	4/0	4	19	55	4	1.82	60	2.05	4075	424CU07	416MC08

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**CONDUCTORS:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

**INSULATION:**

Cross-linked polyethylene (XLP) per UL Standard 44 for Type XHHW-2 conductors

**GROUNDING CONDUCTOR:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance with UL Standard 1569

**ARMOR:**

Aluminum interlocked tape armor per UL 1569 and applicable ICEA standards, also available in galvanized steel armor

**JACKET:**

Black sunlight-resistant PVC per UL Standard 1569

**FLAME TESTS:**

UL 1581 (70,000 BTU/hr) Flame Test

**COLOR CODE:**

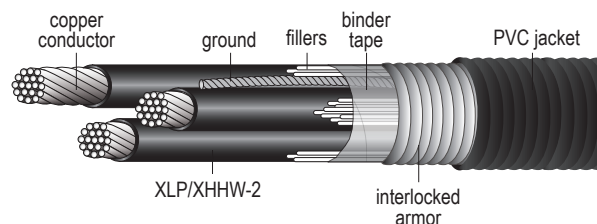
ICEA Method 4

**CONNECTORS:**

- Explosion Proof, Class 1 Division 2: 424CU series – aluminum exterior components, nickel-plated brass interior components
- Rain Tight: 416MC series – all nickel-plated brass

**INTERLOCKED ARMOR  
– POWER CABLE**

**600 Volt UL Type MC, CT USE, 90°C  
XLP XHHW-2 Insulation  
Aluminum Armor  
Copper Conductors**



Catalog Number	Size AWG	Number of Conductors	Number of Strands	Insulation Thickness Mils	Ground Wire Size AWG	Armor Diameter Inch	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft	Class I Div. 2 Connector Number	Rain Tight Connector Number
HW301 25003	250	3	37	65	4	1.80	60	1.93	3760	424CU07	416MC08
HW301 25004	250	4	37	65	4	1.99	60	2.12	4745	424CU07	416MC08
HW301 30003	300	3	37	65	3	1.94	60	2.07	4460	424CU07	416MC08
HW301 30004	300	4	37	65	3	2.15	60	2.28	5530	424CU08	416MC09
HW301 35003	350	3	37	65	3	2.02	60	2.15	4920	424CU08	416MC09
HW301 35004	350	4	37	65	3	2.24	60	2.37	6220	424CU08	416MC09
HW301 50003	500	3	37	65	2	2.31	75	2.46	6795	424CU09	416MC09
HW301 50004	500	4	37	65	2	2.56	75	2.72	8625	424CU09	416MC09
HW301 75003	750	3	37	80	1	2.77	75	2.93	9690	424CU09	416MC10
HW301 10003	1000	3	37	80	1/0	3.09	85	3.26	12400	424MA10V	416MC10

**APPLICATION:**

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**CONDUCTORS:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

**INSULATION:**

Cross-linked polyethylene (XLP) per UL Standard 44 for Type XHHW-2 conductors

**GROUNDING CONDUCTOR:**

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance with UL Standard 1569

**ARMOR:**

Aluminum interlocked tape armor per UL 1569 and applicable ICEA standards, also available in galvanized steel armor

**JACKET:**

Black sunlight-resistant PVC per UL Standard 1569

**FLAME TESTS:**

- UL 1581 (70,000 BTU/hr) Flame Test
- IEEE 1202 Flame Test
- ICEA (210,000 BTU/hr) Flame Test

**COLOR CODE:**

ICEA Method 4

**CONNECTORS:**

- Explosion Proof, Class 1 Division 2: 424CU series – aluminum exterior components, nickel-plated brass interior components
- Rain Tight: 416MC series – all nickel-plated brass
- For size 1000 kcmil, see 424MA series in Section J

ARMORED CABLE