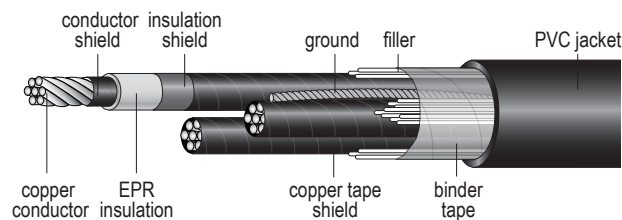


POWER CABLE

**5kV/8kV UL Type MV-105, 105°C
Three Conductor, Shielded
EPR Insulation, PVC Jacket
5kV 133%, 8kV 100% Insulation Level
Copper Conductors**



Catalog Number	Size AWG/kcmil	Number of Strands	Insulation Thickness Mils	Insulation Diameter Inch	Jacket Thickness Mils	Copper Grounding Conductor AWG	Overall Diameter Inches	Net Weight Lbs/Mft	Explosion Proof Connector UN
HW213 00603	6	7	115	0.47	80	6	1.38	1052	424UN05
HW213 00403	4	7	115	0.52	80	6	1.48	1265	424UN06
HW213 00203	2	7	115	0.57	80	6	1.61	1608	424UN06
HW213 00103	1	19	115	0.61	110	4	1.75	1989	424UN06
HW213 10103	1/0	19	115	0.65	110	4	1.84	2257	424UN07
HW213 20103	2/0	19	115	0.70	110	4	1.93	2609	424UN07
HW213 30103	3/0	19	115	0.75	110	3	2.04	3073	424UN07
HW213 40103	4/0	19	115	0.80	110	3	2.16	3598	424UN08
HW213 25003	250	37	115	0.86	110	3	2.30	4094	424UN08
HW213 35003	350	37	115	0.96	110	2	2.52	5288	424UN08
HW213 50003	500	37	115	1.09	140	1	2.89	7256	424UN09
HW213 75003	750	37	115	1.28	140	1/0	3.77	10128	—

APPLICATION:

For use in primary power and distribution circuits up to 8kV when installed in open air, conduit, duct, cable tray when CT rated, or direct buried in earth, in wet and dry locations. Used for applications in chemical plants, refineries, steel mills, industrial plants, commercial buildings, utility substations and generating stations. UL approved for use at 105°C for continuous operation, 140°C for emergency overload conditions, and 250°C for short circuit conditions.

CONDUCTOR:

Compressed soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8, with a semi-conducting conductor shield

INSULATION:

Ethylene propylene rubber (EPR) per ICEA S-97-682 with a semi-conducting insulation shield

SHIELD:

Uncoated copper tape with a minimum 12.5% overlap per ICEA S-97-682

GROUNDING CONDUCTOR:

Compressed soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 sized in accordance to UL Standard 1072

JACKET:

Sunlight-resistant PVC per ICEA S-97-682 and UL Standard 1072

FLAME TESTS:

UL and IEEE (70,000 BTU/hr) Flame Test for CT-listed sizes 1/0 AWG and larger

COLOR CODE:

ICEA Method 4

ADDITIONAL STANDARDS:

- ICEA S-93-639
- NEMA WC74
- AEIC CS8
- Federal Specification J-C-30B

CONNECTORS:

Explosion Proof, Class I, Division 2: 424UN series – aluminum exterior components, nickel-plated brass interior components

NOTE:

CT rating must be requested, CT ratings are available on sizes 1/0 AWG and larger.

MEDIUM VOLTAGE POWER CABLES