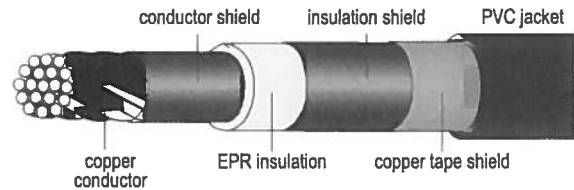


**POWER CABLE**

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



Catalog Number	Size AWG	Number of Strands	Insulation Thickness Mils	Insulation Diameter Inch	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW203 00601	6	7	115	0.43	60	0.63	286
HW203 00401	4	7	115	0.50	60	0.71	350
HW203 00201	2	7	115	0.56	60	0.77	460
HW203 00101	1	19	115	0.60	60	0.81	565
HW203 10101	1/0	19	115	0.64	60	0.84	620
HW203 20101	2/0	19	115	0.68	80	0.93	755
HW203 30101	3/0	19	115	0.73	80	0.99	890
HW203 40101	4/0	19	115	0.79	80	1.04	1055
HW203 25001	250	37	115	0.85	80	1.09	1205
HW203 35001	350	37	115	0.95	80	1.20	1570
HW203 50001	500	37	115	1.08	80	1.34	2115
HW203 75001	750	61	115	1.27	80	1.53	2995
HW203 10001	1000	61	115	1.42	80	1.68	3870

**MEDIUM VOLTAGE POWER CABLES**

**APPLICATION:**

For use in power 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

**JACKET:**

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

**FLAME TESTS:**

- See page 101, HW201

**ADDITIONAL STANDARDS:**

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

**NOTE:**

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