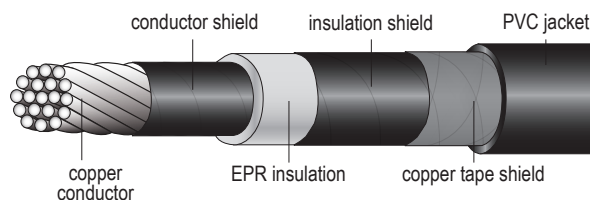


**POWER CABLE**

**15kV UL Type MV-105, 105°C  
Single Conductor, Shielded  
EPR Insulation, PVC Jacket  
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
HW207 00201	2	7	175	0.68	80	0.93	590
HW207 00101	1	19	175	0.72	80	0.97	680
HW207 10101	1/0	19	175	0.76	80	1.02	770
HW207 20101	2/0	19	175	0.81	80	1.07	890
HW207 30101	3/0	19	175	0.86	80	1.12	1030
HW207 40101	4/0	19	175	0.91	80	1.16	1220
HW207 25001	250	37	175	1.97	80	1.21	1370
HW207 35001	350	37	175	1.07	80	1.34	1730
HW207 50001	500	37	175	1.20	80	1.47	2340
HW207 75001	750	61	175	1.40	80	1.66	3210
HW207 10001	1000	61	175	1.54	110	1.88	4210

**APPLICATION:**

For use in power circuits up to 15kV 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:**

IEEE 383 (70,000 BTU/hr) Flame Test – CT-listed sizes 1/0 AWG and larger

**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.

**MEDIUM VOLTAGE POWER CABLES**