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## Specification

HW208

### Power Cable

**15KV UL Type MV-105, 105°C**  
**Single Conductor, Shielded**  
**EPR Insulation, PVC Jacket**  
**133% Insulation Level**  
**Copper Conductor**



Catalog Number	Size AWG/kcmil	No. of Strands	Insulation Thickness Mils	Jacket Thickness Mils	Insulation Diameter Inch	Overall Diameter Inch	Net Weight Lbs/Mft
HW208 00201	2	7	220	80	0.77	1.02	685
HW208 00101	1	19	220	80	0.81	1.06	760
HW208 10101	1/0	19	220	80	0.85	1.1	840
HW208 20101	2/0	19	220	80	0.89	1.14	955
HW208 30101	3/0	19	220	80	0.95	1.19	1115
HW208 40101	4/0	19	220	80	1	1.25	1275
HW208 25001	250	37	220	80	1.06	1.33	1465
HW208 35001	350	37	220	80	1.16	1.43	1840
HW208 50001	500	37	220	80	1.29	1.56	2395
HW208 75001	750	61	220	110	1.48	1.81	3415
HW208 10001	1000	61	220	110	1.63	1.98	4435

### 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:

Soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8 (compressed) or ASTM B-496 (compact), 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.

All data subject to change without notice