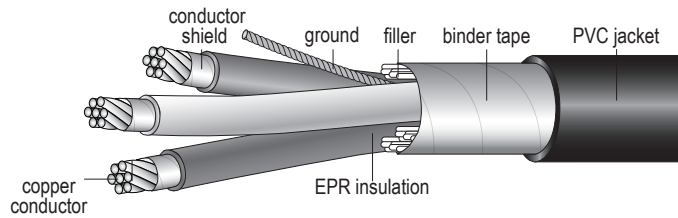


SPECIFICATION
HW212

POWER CABLE

**2.4kV UL Type MV-105, 105°C
Three Conductor, Non-Shielded
EPR Insulation, PVC Jacket
133% Insulation Level
Copper Conductors**



MEDIUM VOLTAGE POWER CABLES

| 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 |
|----------------|----------------|-------------------|---------------------------|--------------------------|-----------------------|--------------------------------|-------------------------|--------------------|------------------------------|
| HW212 00603 | 6 | 7 | 115 | 0.45 | 80 | 6 | 1.16 | 795 | 424UN05 |
| HW212 00403 | 4 | 7 | 115 | 0.50 | 80 | 6 | 1.26 | 1010 | 424UN06 |
| HW212 00203 | 2 | 7 | 115 | 0.56 | 80 | 6 | 1.39 | 1305 | 424UN06 |
| HW212 00103 | 1 | 19 | 115 | 0.60 | 80 | 4 | 1.48 | 1600 | 424UN06 |
| HW212 10103 | 1/0 | 19 | 115 | 0.64 | 80 | 4 | 1.56 | 1890 | 424UN06 |
| HW212 20103 | 2/0 | 19 | 115 | 0.68 | 80 | 4 | 1.66 | 2150 | 424UN07 |
| HW212 30103 | 3/0 | 19 | 115 | 0.73 | 110 | 3 | 1.83 | 2650 | 424UN07 |
| HW212 40103 | 4/0 | 37 | 115 | 0.79 | 110 | 3 | 1.95 | 3220 | 424UN07 |
| HW212 25003 | 250 | 37 | 115 | 0.84 | 110 | 3 | 1.07 | 3830 | 424UN07 |
| HW212 35003 | 350 | 37 | 115 | 0.95 | 110 | 2 | 2.30 | 4965 | 424UN08 |
| HW212 50003 | 500 | 37 | 115 | 1.08 | 110 | 1 | 2.58 | 6610 | 424UN09 |
| HW212 75003 | 750 | 61 | 115 | 1.27 | 140 | 1/0 | 3.05 | 9490 | — |

APPLICATION:

For use in primary power and distribution circuits up to 2.4kV 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 where shielding is not required.

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 standards. 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 Standards 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-96-659
- NEMA WC71

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.