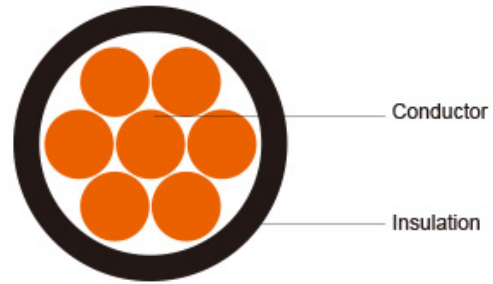


American Standard UL Industrial Cables HMWPE Catdodic Protection Power Cable



Application

These cables are designed for use with cathodic systems protecting against galvanic and electrolytic corrosion of metallic objects such as underground pipelines, tanks and other buried or submerged metallic structures.

HMWPE cathodic protection cable utilizes stranded copper conductors that are insulated with a high molecular weight polyethylene (HMWPE) compound that provides strong resistance to abrasion, crushing, chemicals, oil, moisture and other elements.

Standard

ICEA S-95-658

Conductor

Soft drawn bare copper stranded to ASTM B3 & B8.

Insulation

High molecular weight polyethylene (PE) compound in accordance with the requirements ASTM D1248 for Type 1 Class C Category 4 or 5 Grade E5 material and ICEA S-95-658.

Technical Data

Rated Voltage: 600V

Operating Temperature: 75°C

Dimensions

| CONDUCTOR SIZE | STRANDING | INSULATION THICKNESS | NOMINAL OUTER DIAMETER | TOTAL WEIGHT |
|----------------|-----------|----------------------|------------------------|--------------|
| | | IN | IN | LBS/MFT |
| 8 AWG | 7/0.486 | 0.11 | 0.370 | 90 |
| 6 AWG | 7/0.612 | 0.11 | 0.410 | 126 |
| 4 AWG | 7/0.772 | 0.11 | 0.460 | 182 |
| 2 AWG | 7/0.974 | 0.125 | 0.520 | 269 |
| 1 AWG | 19/0.664 | 0.125 | 0.595 | 340 |
| 1/0 AWG | 19/0.745 | 0.125 | 0.635 | 415 |
| 2/0 AWG | 19/0.837 | 0.125 | 0.68 | 509 |
| 3/0 AWG | 19/0.940 | 0.125 | 0.735 | 627 |
| 4/0 AWG | 19/1.055 | 0.125 | 0.795 | 774 |
| 250 KCMIL | 37/0.822 | 0.155 | 0.9 | 935 |
| 350 KCMIL | 37/0.973 | 0.155 | 1.01 | 1271 |