

Caledonian

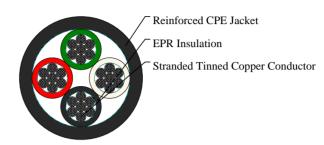
Mining Cables (ICEA & CSA Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

Portable Power Cables

Type W Four-Conductor Round Portable Power Cable 2kV 4C1/0AWG





APPLICATIONS

These cables are designed for general use where bare grounding conductors are not required or desired.

STANDARDS

ICEA S-75-381/NEMA WC 58 ASTM B 172/ASTM B 33 CAN/CSA C22.2 No. 96

CABLE CONSTRUCTION

Conductors: Stranded annealed tinned copper conductor.

Insulation: Ethylene Propylene Rubber (EPR).

Jacket:Reinforced heavy-duty/extra-heavy-duty Chlorinated Polyethylene (CPE), black. (Cables having a nominal outside diameter of more than 2.0 inches require extra-heavy-duty jackets.)

Options:

Other jacket materials such as CSP/PCP/NBR/PVC are available upon request.

Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.

COLOUR CODE

Conductor Identification According to ICEA S-75-381:

4 Cores:Black+White+Green+Red

PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 6×OD

Maximum Conductor Operating Temperature: +90°C

DIMENSION AND PARAMETERS

| No. of Cores | AWG Size | Strands | Nominal Insulation Thickness | Insulation | Jacket | Jacket | Overall | Overall | Weight | Ampacity |
|-----------------|-------------|---------|------------------------------------|------------|--------|--------|---------|---------|--------|----------|
| | | | in | mm | in | mm | in | mm | kg/km | amps |



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| | 4 | 1/0 | 266 | 0.08 | 2 | 0.19 | 4.8 | 1.79 | 45.5 | 3793 | 165 |
|-----|---|-----|-----|------|---|------|-----|------|------|------|-----|
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