Caledonian

Mining Cables (ICEA & CSA Standard)

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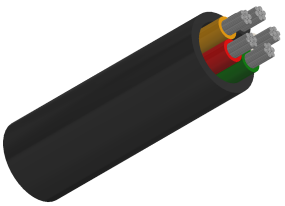
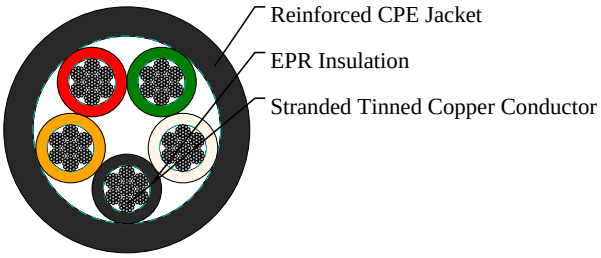
Portable Power Cables

Type W Five-Conductor Round Portable Power Cable 2kV 5C6AWG





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:
5 Cores:Black+White+Green+Red+Orange

PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 6×OD
Maximum Conductor Operating Temperature: +90℃

DIMENSION AND PARAMETERS

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

5	6	133	0.06	1.5	0.155	3.9	1.24	31.5	1524	68