Caledonian

JIS Code Power & Control Cables

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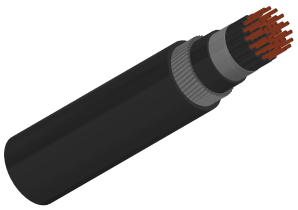
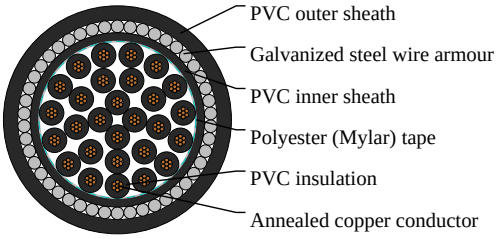
CVV-SWA 28C1





APPLICATIONS

For use in duct, tray and for direct burying in ground. The cable is subject to immerse in water all the line.

STANDARDS

IEC 60502-1

CABLE CONSTRUCTION

Conductor: Stranded annealed copper wires
Insulation: Polyvinyl chloride (PVC)
Filler: Non-hygroscopic material(optional)
Binding tape: Polyester (Mylar) tape (optional)
Inner sheath: Polyvinyl chloride (PVC), Black color
Armour: Galvanized steel wire
Separator Tape : Polyester (Mylar) tape
Outer sheath: Polyvinyl chloride (PVC), Black color(A special flame retardant can be supplied)

COLOUR CODE

Black core with marking numbers

PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 70℃
Circuit voltage not exceeding 600 volts
Test voltage 3500 volts

DIMENSION AND PARAMETERS

No. of Cores	Nominal Cross-sectional Area	No. and Dia. of Wires	Conductor Diameter	Nominal Insulation Thickness	Nominal Inner Sheath Thickness	Nominal Outer Sheath Thickness	Nominal Steel Wire Armour Diameter	Approx. Overall Diameter	Approx. Weight	Min. Insulation Resistance at 70 °C	Max. DC Resistance at 20°C
	mm²	no./mm	mm	mm	mm	mm	mm	mm	kg/km	Ohm/km	Ω/km

28	1	7/0.43	1.29	0.8	1	1.8	1.6	31	1630	0.0128	18.1