



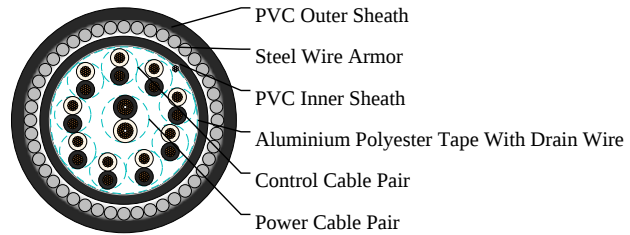
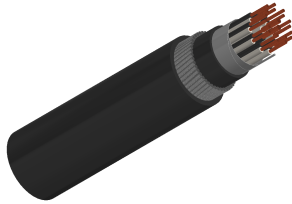
Caledonian

Composite Cables

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1x2x2.5 Power Cable+9x1x2x1.0 Control Cable SWA PVC Sheathed Composite Cable



CABLE CONSTRUCTION

1x2x2.5mm² Power Cable

Conductor: 2.5mm² annealed copper

Insulation: XLPE material

Sheath Color: Black and white

9x1x2x1.0mm² Control Cable

Conductor: 1.0mm² annealed copper

Insulation: PE material

Insulation Color: Black and white with pair number

Element Assembly

Shield: Aluminium polyester tape

Drain Wire: 24 AWG stranded tinned copper drain wire

Bedding: PVC

Armour: 1.6mm Steel wire armor

Outer Sheath: PVC sheath. Nominal outer diameter 31.0mm. Thickness 2.0mm

Sheath Color: Black

Cable Weight: 1415 kg/km

PHYSICAL AND THERMAL PROPERTIES

Electrical and Physical Properties @20°C:

Power Cable

Max. Conductor Resistance: 7.41Ohm/km at 20°C

Control Cable

Max. Conductor Resistance: 18.5Ohm/km at 20°C

Operating Temperature: -20°C/+90°C

Voltage Rating: 600/1000V