



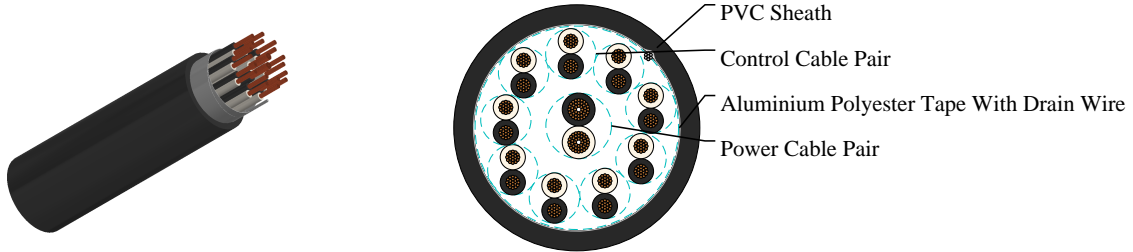
Caledonian

Composite Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

1x2x2.5 Power Cable+9x1x2x1.0 Control Cable Unarmored 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

Outer Sheath: PVC sheath. Nominal outer diameter 25.5mm. Thickness 1.8mm

Sheath Color: Black

Cable Weight: 477 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