



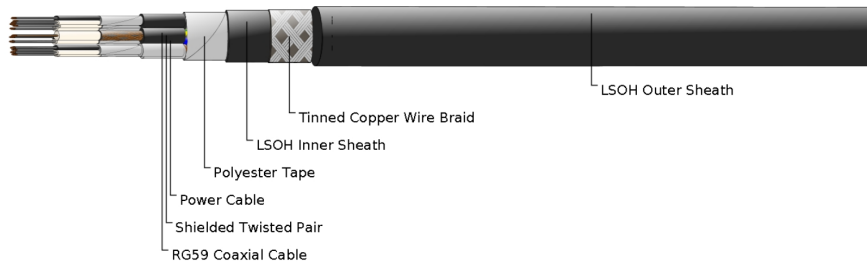
# Caledonian

## Composite Cables

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### 1xRG59+3x1.5 Power Cable+ 6x1x2x24AWG Shielded Control Cable SWB LSZH Sheathed Composite Cable



### FIRE PERFORMANCE

Flame Propagation	IEC60332 part 1 & 2
Low Smoke Capacity	IEC 61034
Halogen Free	IEC 60754

### CABLE CONSTRUCTION

#### 1x75Ohm RG59 Coaxial Cable

Conductor: 0.58mm Solid copper conductor

Insulation: Polyethylene. Thickness 1.56mm

Shield: Braid of bare copper wire. Coverage  $\geq 95\%$

Sheath: LSZH sheath. Nominal outer diameter 6.15mm

Sheath Color: Black

#### 6x1x2x24 AWG Shielded Control Cable

Conductor: 7/0.2mm Stranded tinned copper

Insulation: PVC material. Thickness 0.4mm

Insulation Color: Black and white

Shield: Aluminium polyester tape with 24 AWG stranded tinned copper drain wire

Sheath: LSZH sheath. Thickness 0.76mm. Nominal outer diameter 4.8mm

Sheath Color: Black and Grey

#### 3x1.5mm<sup>2</sup> Power Cable

Conductor: 1.5mm<sup>2</sup> Stranded tinned copper wire to IEC 60228 Class 2 or BS 6360

Insulation: XLPE compound to BS6234. Nominal outer diameter 3.0mm

Insulation Color: Blue, Brown and Green/Yellow

#### Element Assembly

Filler: PP, PVC or PE

Wrapping Tape: Polyester tape

Inner Sheath: Black LSZH, thickness 0.76mm



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Aarmor: 0.2mm steel wire interwoven braid, coverage 95%

Outer Sheath: LSZH, thickness 1.4mm, nominal outer diameter is 24.5mm

Sheath Color: Black

## **PHYSICAL AND THERMAL PROPERTIES**

Physical Characteristic:

Min Bending Radius: 360mm

Operating Temperature: -35°C/+90°C