



Caledonian

Composite Cables

www.caledonian-cables.com

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1xRG59+3x1.5 Power Cable+2x1x2x24AWG Shielded Control Cable Without Sheath SWB LSZH Sheathed Composite Cable



FIRE PERFORMANCE

Flame Propagation	IEC60332-1 & IEC60332-2
Low Smoke Capacity	IEC61034-1/2
Halogen Free	IEC60754-1/2

CABLE CONSTRUCTION

1x75Ohm RG59 Coaxial Cable (in the center of the cable core)

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

2x1x2x24 AWG Shielded Control Cable Without Sheath

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

3x1.5mm² Power Cable

Conductor: 1.5mm² 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

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

Outer Sheath: LSZH, thickness 1.4mm, nominal outer diameter is 19.0mm



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Sheath Color: Black

PHYSICAL AND THERMAL PROPERTIES

Physical Characteristic:

Min Bending Radius: 360mm

Operating Temperature: -35°C/+90°C