



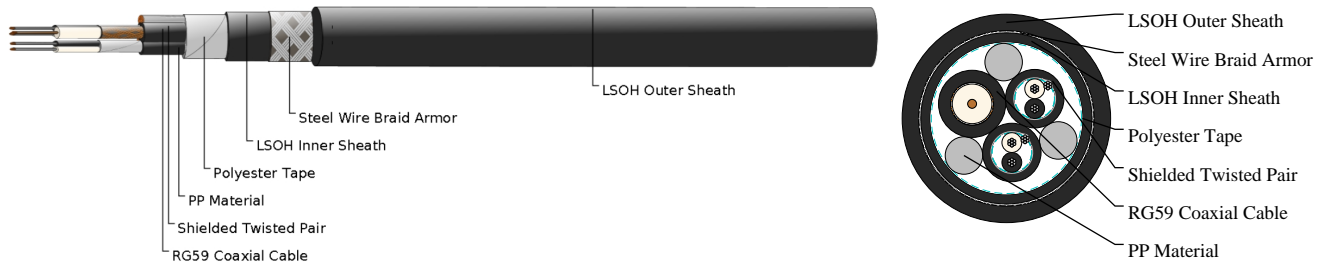
# Caledonian

Composite Cables

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## 1xRG59+2x1x2x22AWG Data Pairs SWB LSZH Sheathed Composite Cable



### FIRE PERFORMANCE

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

### 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  $\geq 85\%$

Sheath: LSZH sheath. Nominal outer diameter 6.2mm

Sheath Color: Black

2x1x2x22AWG Shielded Twisted Pair ( around coaxial cable)

Conductor: 7/0.254mm stranded tinned copper

Insulation: PVC material. Thickness 0.4mm

Insulation Color: White and black

Individual Shield: Aluminum polyester tape

Drain Wire: 24 AWG stranded tinned copper

Sheath: LSZH sheath. Nominal outer diameter 4.8mm

Sheath Color: Black

Element Assembly

Filler: PP material (around coaxial cable)

Wrapping Tape: Polyester tape

Inner Sheath: Black LSZH, thickness 0.8mm

Armor: Steel wire braid, coverage 95%

Outer Sheath: LSZH, thickness 1.5mm, nominal outer diameter is 18.5mm

Sheath Color :Black

### PHYSICAL AND THERMAL PROPERTIES



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Electrical and Physical Properties@20°C:

Coaxial Cable

Impedance:  $75 \pm 3 \Omega$  (@1MHz)

Nominal Attenuation: 8.2dB/100m @50MHz

Data Cable

Nominal Conductor Resistance @20°C: 48.4  $\Omega$ /km