



# Caledonian

## Composite Cables

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### 1xRG59+4 Core 62.5 Fiber Cable+3x2.5 Power Cable+2x1x2x24AWG Pairs SWB LSZH Sheathed Composite Cable



### 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 (SHF1)sheath. Norminal outer diameter 6.2mm

Sheath Color: Black

#### 4 core 62.5/125 Multi Loose Tube Type Fiber Cable

Fibers: 4Cx62.5/125

Central Member: Galvanized steel wire

Sheath: Nominal outer diameter 9.6mm

Sheath Color: Black

#### 2x1x2x24 AWG Shielded Twisted Pair ( around coaxial cable)

Conductor: 7/0.2mm Stranded tinned copper

Insulation: PVC material. Thickness 0.47mm

Insulation Color: Black and white with pair number

Shield: Aluminium polyester tape with 0.5mm<sup>2</sup> stranded tinned copper drain wire.Nominal outer diameter 3.5mm

Sheath: LSZH (SHF1) sheath. Norminal outer diameter 5.2mm

#### 3x2.5mm<sup>2</sup> Power Cable

Conductor: 2.5mm<sup>2</sup> Stranded tinned copper wire

Insulation: XLPE. Thickness 0.85mm. Outer diameter 3.6mm

Insultion Color: Blue, Brown and Green/Yellow

#### Element Assembly

Filler: PP material around cable core

Wrapping Tape: Polyester tape



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Shield: Aluminium polyester tape with 0.5mm<sup>2</sup> tinned copper drain wire

Inner Sheath: Black LSZH (SHF1) , thickness 1.0-1.2mm

Aarmor: Steel wire braid, coverage 85%

Outer Sheath: LSZH (SHF1), thickness 1.8-2.0mm. nominal outer diameter 28.5mm

Sheath Color: Black