



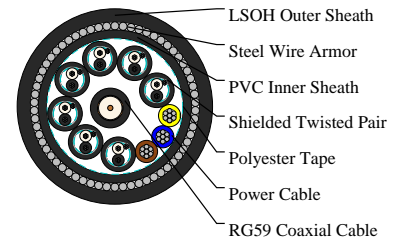
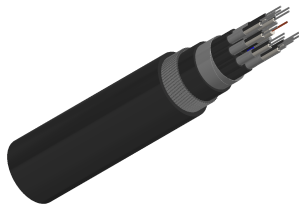
Caledonian

Composite Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

1xRG59+7x1x2x22AWG Pairs Data Cable+3x16AWG Power Cable SWA LSZH Sheathed Composite Cable



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: PVC sheath. Nominal outer diameter 6.15mm

Sheath Color: Black

7x1x2x22AWG Shielded Twisted Pair (around coaxial cable)

Conductor: 22AWG Stranded tinned copper

Insulation: PE material. Thickness 0.6mm

Insulation Color: Black and white with numbering

Individual Shield: Aluminium polyester tape with stranded tinned copper drain wire

3x16AWG Power Cable

Conductor: 16AWG Stranded tinned copper wire

Insulation: XLPE. Thickness 0.7mm.

Insulation Color: Blue, Brown and Green/Yellow

Element Assembly

Filler: PP material if necessary

Wrapping Tape: Polyester tape

Inner Sheath: 1.2mm PVC compound

Armor: Galvanized steel wire

Outer Sheath: An outer protection of extruded UV resisting, anti-rodent and anti-termite LSZH compound is applied over armor. Thickness: 2.0mm. Nominal outer diameter is 28.0mm.

Sheath Color :Black

Cable Weight: 510kg/km

PHYSICAL AND THERMAL PROPERTIES

Physical Characteristic:



Caledonian

Composite Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

Min Bending Radius: 560mm

Operating Temperature: -30°C/+70°C