



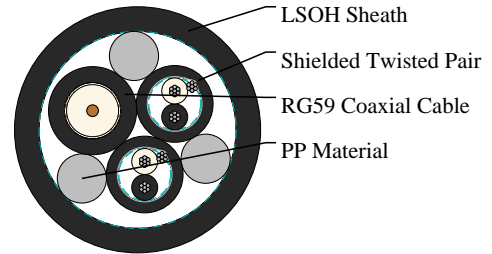
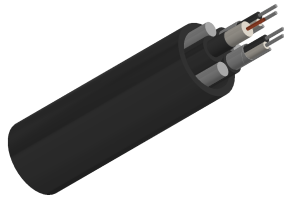
Caledonian

Composite Cables

www.caledonian-cables.com

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1xRG59+2x1x2x22AWG Data Pairs Unarmored 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: 7/0.2mm stranded tinned copper drain wire

Sheath: LSZH sheath. Nominal outer diameter 4.8mm

Sheath Color: Black

Element Assembly

Outer Sheath: LSZH, thickness 1.6- 1.8mm, nominal outer diameter is 15.6mm

Sheath Color :Black

PHYSICAL AND THERMAL PROPERTIES

Electrical and Physical Properties@20°C:

Coaxial Cable

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

Nominal Attenuation: 8.2dB/100m @50MHz



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Data Cable

Nominal Conductor Resistance @20°C: 48.4 Ohm/km