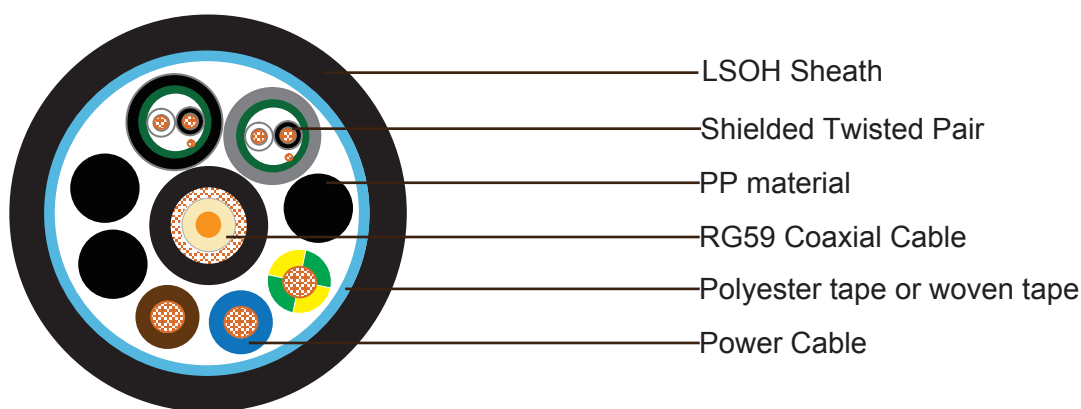


### 1x RG59 + 3x1.5 Power Cable + 2x1x2x24AWG Data Pairs Unarmored LSZH Sheathed Composite cable

#### Construction:



#### 1x750hm RG59 Coaxial Cable( in the center of the cable core)

<b>Conductor</b>	0.58mm Solid copper conductor
<b>Insulation</b>	Polyethylene. Thickness 1.56mm
<b>Shield</b>	Braid of bare copper wire. Coverage ≥ 95%
<b>Sheath</b>	LSZH sheath. Nominal outer diameter 6.15mm
<b>Sheath Color</b>	Black

#### 2x1x2x24AWG Shielded Twisted Pair ( around coaxial cable)

<b>Conductor</b>	7/0.2mm Stranded tinned copper
<b>Insulation</b>	PVC material. Thickness 0.4mm
<b>Insulation Color</b>	Black and white
<b>Shield</b>	Aluminium polyester tape
<b>Drain Wire</b>	24 AWG stranded tinned copper drain wire
<b>Sheath</b>	LSZH sheath. Nominal outer diameter 4.8mm. Thickness 0.76mm
<b>Sheath Color</b>	Black and Grey



### 3x1.5mm<sup>2</sup> Power Cable ( around coaxial cable)

<b>Conductor</b>	1.5mm <sup>2</sup> Stranded tinned copper wire
<b>Insulation</b>	XLPE. Nominal outer diameter 3.0mm
<b>Insultion Color</b>	Blue, Brown and Green/Yellow

### Element Assembly

<b>Filler</b>	PE or PP material
<b>Wrapping Tape</b>	Polyester tape or woven tape
<b>Outer Sheath</b>	LSZH, nominal outer diameter 16.0±1.0mm
<b>Sheath Color</b>	Black

## Electrical and Physical Properties @20°C:

### Coaxial Cable

**Impedance:** 75±3Ohm (@1MHz)

**Max. Attenuation:** 7.5dB/100m @50MHz

### Power Cable

**Electrical Resistance:** 12.1Ohm/km

**Insulation Resistance:** ≥5500 MOhm<sup>x</sup>km

### Data Pairs

**Electrical Resistance:** 90Ohm/km

**Insulation Resistance:** ≥1000 MOhm<sup>x</sup>km

### Element Assembly

**Min Bending Radius:** 160mm

**Operating Temperature:** -35°C/+80°C



## ← Composite Cables

### Fire Performance:

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**Low Smoke Capacity:** IEC61034-1/2

**Halogen Free:** IEC60754-1/2

**Flame Propagation:** IEC60332

\* The data included in the present catalogue are merely indicative; Caledonian Cables Limited reserves to itself the right to change them as its own discretion in any time.