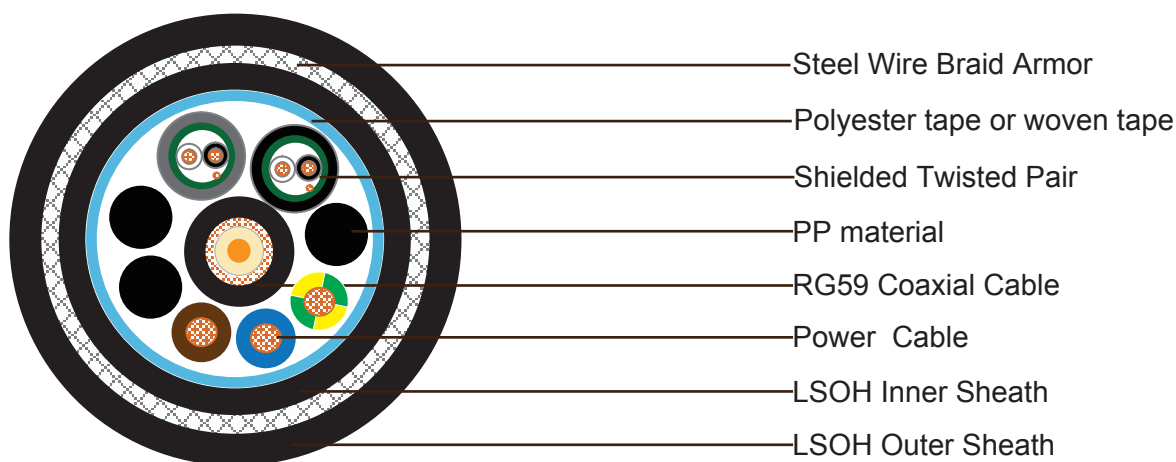




1xRG59 + 3x3 Power Cable + 2x1x2x24AWG Data Pairs SWB LSZH Sheathed Composite Cable

Construction:



1x75Ohm RG59 Coaxial Cable(in the center of the cable core)

Conductor	0.58 Solid copperweld (CCS).
Insulation	Polyethylene. Thickness 1.56mm
Shield	Braid of bare copper wire. Coverage ≥ 92%
Sheath	LSZH sheath, nominal outer diameter 6.2mm
Sheath Color	Black

2x1x2x24/7 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
Shield	Aluminium polyester tape
Drain Wire	24 AWG stranded tinned copper drain wire
Sheath	LSZH sheath. Nominal outer diameter 4.8mm. Thickness 0.76mm
Sheath Color	Black and Grey



3x3mm² Power Cable (around coaxial cable)

Conductor	12AWG (3mm ² Stranded tinned copper wire)
Insulation	XLPE. Thickness 0.85mm. Outer diameter 3.65mm
Insultion Color	Blue, Brown and Green/Yellow

Element Assembly

Filler	PP material (around coaxial cable)
Wrapping Tape	Polyester tape
Inner Sheath	Black LSZH, thickness 0.8mm
Aarmor	Steel wire braid, coverage 95%
Outer Sheath	LSZH, thickness 1.5mm, norminal outer diameter 22.0mm
Sheath Color	Black

Electrical and Physical Properties @20°C:

Coaxial Cable

Impedance: 75±3Ohm (@1MHz)

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

Power Cable

Electrical Resistance: 6.6Ohm/km

Insulation Resistance: ≥5500 MOhm×km

Data Pairs

Electrical Resistance: 90Ohm/km

Insulation Resistance: ≥1000 MOhm×km

Element Assembly

Min Bending Radius: 420mm

Operating Temperature: -35°C/+80°C



Composite Cables

Fire Performance:

Flame Propagation: IEC60332-1

Low Smoke Capacity: IEC61034-1/2

Halogen Free: IEC60754-1/2

* 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.