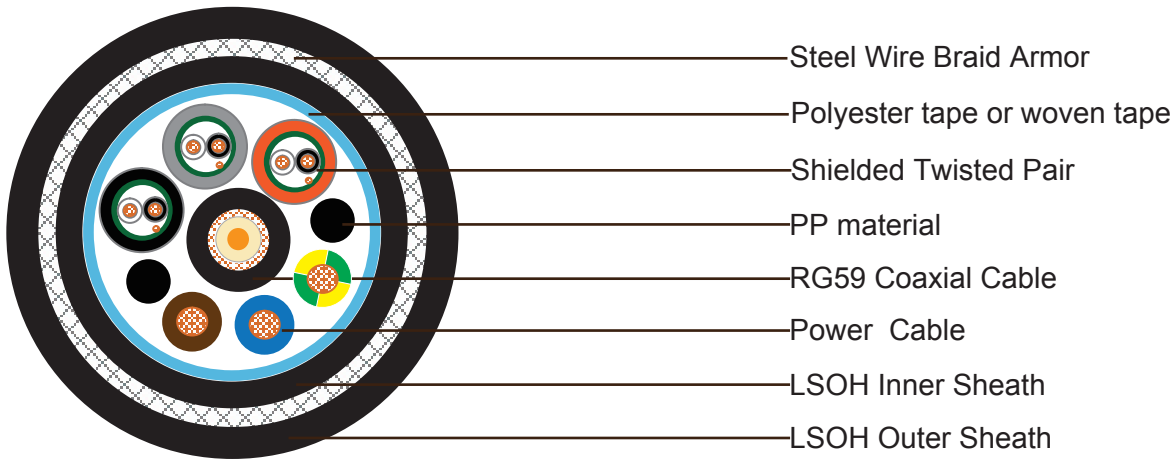




1xRG59 + 3x12AWG Power Cable + 3x1x2x24 AWG Shield Pairs SWB LSZH Sheathed Composite Cable

Construction:



1x750hm 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 ≥ 92% |
| Sheath | LSZH sheath. Nominal outer diameter 6.2mm |
| Sheath Color | Black |

3x1x2x24/7 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 |



Composite Cables

| | |
|---------------------|---|
| Sheath | LSZH sheath. Nominal outer diameter 4.8mm. Thickness 0.76mm |
| Sheath Color | Black , Grey and Orange |

3x3mm² Power Cable (around coaxial cable)

| | |
|------------------------|--|
| Conductor | 3.0mm ² Stranded tinned copper wire |
| Insulation | XLPE. Thickness 0.85mm. Outer diameter 3.65mm |
| Insultion Color | Blue, Brown and Green/Yellow |

Element Assembly

| | |
|----------------------|---|
| Filler | PVC or PE material (around coaxial cable) |
| Wrapping Tape | Polyester tape |
| Inner Sheath | Black LSZH, thickness 0.8mm |
| Aarmor | Steel wire braid, coverage 85% |
| Outer Sheath | LSZH, thickness 1.5mm, nominal outer diameter is 22.0mm |
| Sheath Color | Black |

Electrical and Physical Properties @20°C:

Coaxial Cable

Max. Electrical Resistance: 158Ohm/km

Impedance: 75±3Ohm (@1MHz)

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

Power Cable

Electrical Resistance: 6.6Ohm/km

Insulation Resistance: ≥5500 MOhm²/km

Data Pairs

Electrical Resistance: 90Ohm/km

Insulation Resistance: ≥1000 MOhm²/km



Element Assembly

Min Bending Radius: 420mm

Operating Temperature: -35°C/+80°C

Fire Performance:

Flame Propagation: IEC60332-1 & IEC60332-2

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.