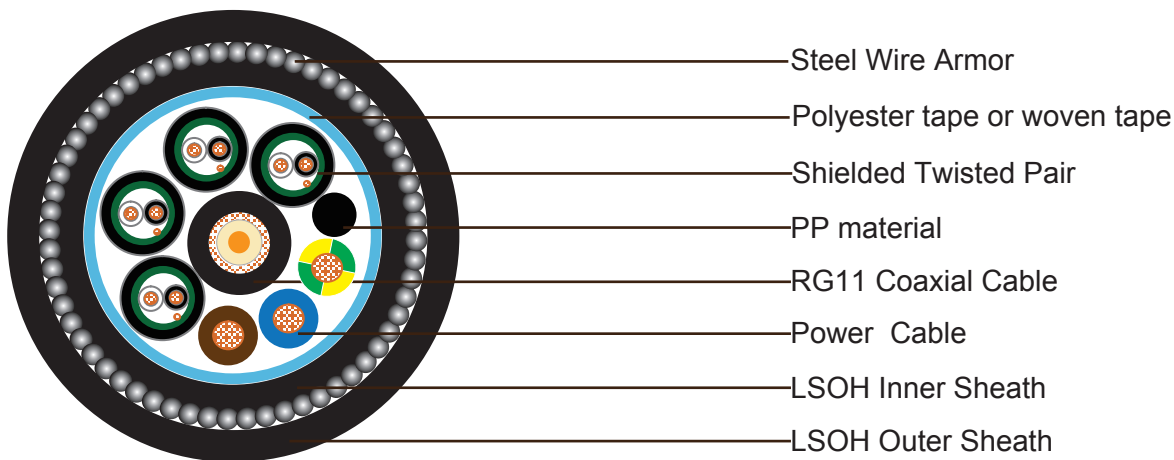




1x RG11 + 3x2.5 Power Cable + 4x1x2x24AWG Data Pairs SWA LSZH Sheathed Composite Cable

Construction:



1x750hm RG11 Coaxial Cable (in the center of the cable core)

| | |
|---------------------|--|
| Conductor | 1.63mm Solid bare copper |
| Insulation | Polyethylene. Diameter 7.25mm. |
| Shield | Braid of bare copper wire. Coverage 95% |
| Sheath | LSZH sheath. Nominal outer diameter is 10.3mm. |
| Sheath Color | Black |

4x1x2x24AWG Shielded Twisted Pair data cable (around coaxial cable)

| | |
|--------------------------|---------------------------------|
| Conductor | 7/0.2mm Stranded tinned copper. |
| Insulation | PVC material. Thickness 0.5mm. |
| Insulation Color | White and black |
| Individual Shield | Aluminum polyester tape |
| Drain Wire | 24 AWG stranded tinned copper |



| | |
|---------------------|--------------------------------|
| Sheath | LSZH sheath. Thickness 0.80mm. |
| Sheath Color | Black with white number code |

3x2.5mm² Power Cable (around coaxial cable)

| | |
|-------------------------|---|
| Conductor | 2.5mm ² Stranded tinned copper wire. |
| Insulation | XLPE. Outer diameter 3.41mm |
| Insulation Color | Blue, Brown and Green/Yellow |

Element Assembly

| | |
|----------------------|--|
| Filler | PP material (around coaxial cable) |
| Wrapping Tape | Polyester tape or woven tape |
| Inner Sheath | Black LSZH, thickness 1.1mm |
| Aarmor | Steel wire armor, dia. 1.25mm |
| Outer Sheath | LSZH, thickness 1.8mm, nominal outer diameter 26.0±1.0mm |
| Sheath Color | Black |
| Cable Weight | 1100kg/km |

Electrical and Physical Properties@20°C:

Coaxial Cable

Impedance: 75±3Ohm (@1MHz)

Max. Attenuation: 3.3dB/100m @50MHz

Power Cable

Electrical Resistance: 7.41Ohm/km

Insulation Resistance: ≥5500 MOhm×km

Data Pairs

Electrical Resistance: 90Ohm/km

Insulation Resistance: ≥1000 MOhm×km



Composite Cables

Element Assembly

Conductor DC resistance per km@20°C:

24AWG: 95.8ohm/km

2.5mm²: 7.4ohm/km

1.63mm: 9.26ohm/km

Minimum Bending Radius: 312mm

Temperature Range: -10°C~70°C

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.