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

**Construction:**

1x75Ohm RG11 Coaxial Cable (in the center of the cable core)

<table>
<thead>
<tr>
<th>Conductor</th>
<th>1.63mm Solid bare copper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation</td>
<td>Polyethylene. Diameter 7.25mm.</td>
</tr>
<tr>
<td>Shield</td>
<td>Braid of bare copper wire. Coverage 95%</td>
</tr>
<tr>
<td>Sheath</td>
<td>LSZH sheath. Nominal outer diameter is 10.3mm.</td>
</tr>
<tr>
<td>Sheath Color</td>
<td>Black</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Conductor</th>
<th>7/0.2mm Stranded tinned copper.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insulation</td>
<td>PVC material. Thickness 0.5mm.</td>
</tr>
<tr>
<td>Insulation Color</td>
<td>White and black</td>
</tr>
<tr>
<td>Individual Shield</td>
<td>Aluminum polyester tape</td>
</tr>
<tr>
<td>Drain Wire</td>
<td>24 AWG stranded tinned copper</td>
</tr>
</tbody>
</table>
Addison Cables

Composite Cables

Sheath
LSZH sheath. Thickness 0.80mm.

Sheath Color
Black with white number code

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

Conductor
2.5mm² 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

Armor
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
**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

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* 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.