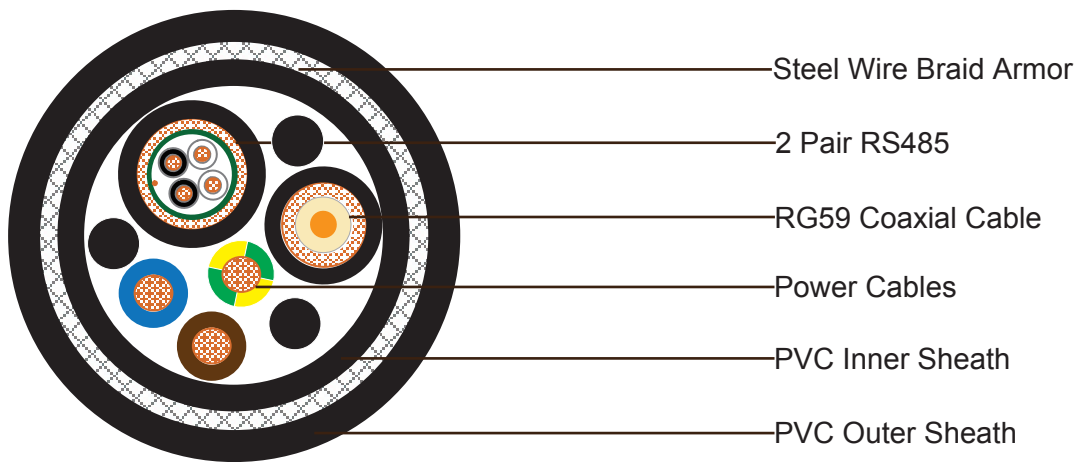




### 1xRG59 + 3x2.5 Power Cable + 2x1x2x24AWG RS485 SWB PVC Sheathed Composite Cable

#### Construction:

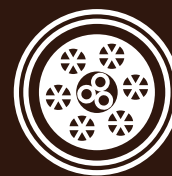


#### 1x750hm RG59 Coaxial Cable

|                     |   |
|---------------------|---|
| <b>Conductor</b>    | 0.58mm Solid copper conductor                   |
| <b>Insulation</b>   | Polyethylene. Thickness 1.56mm                  |
| <b>Shield</b>       | Braid of bare copper wire. Coverage $\geq 85\%$ |
| <b>Sheath</b>       | PVC sheath. Nominal outer diameter 6.2mm        |
| <b>Sheath Color</b> | Black   |

#### 2 Pair 24AWG RS485

|                     |  |
|---------------------|--|
| <b>Conductor</b>    | 7/0.2mm Stranded tinned copper   |
| <b>Insulation</b>   | PE material. Thickness 0.6mm   |
| <b>Shield 1</b>     | Aluminium polyester tape with 24 AWG stranded tinned copper drain wire |
| <b>Shield 2</b>     | Tinned copper wire braiding  |
| <b>Sheath</b>       | PVC sheath. Nominal outer diameter is 9.0mm                            |
| <b>Sheath Color</b> | Black  |



## Composite Cables

### 3x2.5mm<sup>2</sup> Power Cable

|                        |  |
|------------------------|--|
| <b>Conductor</b>       | 2.5mm <sup>2</sup> Stranded tinned copper wire |
| <b>Insulation</b>      | PVC. Thickness 0.7mm                           |
| <b>Insultion Color</b> | Blue, Brown and Green/Yellow                   |

### Element Assembly

|                     |  |
|---------------------|--|
| <b>Inner Sheath</b> | Black PVC, thickness 0.8mm                             |
| <b>Aarmor</b>       | Steel wire braid, coverage 95%                         |
| <b>Outer Sheath</b> | PVC, thickness 1.8mm, nominal outer diameter is 26.0mm |
| <b>Sheath Color</b> | Black  |

## Electrical and Physical Properties @20°C:

### Coaxial Cable

**Impedance:** 75±3Ohm (@1MHz)

**Nominal Attenuation:** 8.2dB/100m @50MHz

### RS485

**Nominal Impedance:** 120±10Ω

**Nominal Conductor DC Resistance @20°C:** 78.7 Ohm/km

**Nominal Attenuation:** 1MHz 2.3dB/100m

### Power Cable

**Electrical Resistance:** 7.56Ohm/km

\* 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.