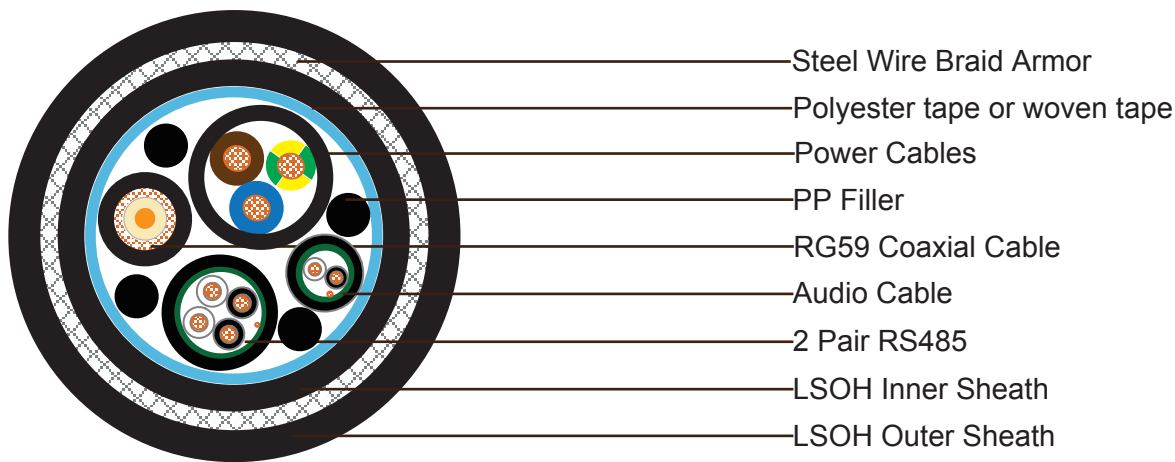




RG59 + 3x2.5 Power cable + 2x2x24AWG RS485 + 1x2x18AWG Audio Cable SWB LSZH Sheathed Composite Cable

Construction:



750hm RG59 Coaxial Cable

Conductor	0.81mm Copper Covered Steel Wire
Insulation	Polyethylene. Diameter 3.65mm
Shield	Bonded Al screen and braid of Al-Mg wire. Coverage: 80%
Sheath	LSZH sheath. Nominal outer diameter is 6.1mm
Sheath Color	Black

24AWG RS485

Conductor	24AWG (7/0.2mm Stranded tinned copper to IEC 60228 Class 2 2 pairs
Insulation	Polyethylene. Thickness 0.6mm
Shield	Aluminium polyester tape
Drain Wire	24 AWG stranded tinned copper drain wire
Sheath	LSZH sheath. Nominal outer diameter is 9.0mm
Sheath Color	Black



Composite Cables

3x2.5mm² Power Cable

Conductor	2.5mm ² Stranded tinned copper wire to IEC 60228 Class 2
Insulation	XLPE. Thickness 0.7mm
Sheath	LSZH sheath. Nominal outer diameter is 12.0mm
Sheath Color	Black

18AWG Audio Cable

Conductor	1 pair 18AWG (16/0.254mm Stranded tinned copper
Insulation	Polyethylene
Shield	Aluminium polyester tape
Drain Wire	24 AWG stranded tinned copper drain wire
Sheath	LSZH sheath. Nominal outer diameter is 6.5mm
Sheath Color	Black

Element Assembly

Filler	PP, PVC or PE
Wrapping Tape	Polyester tape
Inner Sheath	Black LSZH, thickness 0.8-1.0mm
Aarmor	Steel wire braid, coverage 95%
Outer Sheath	LSZH, thickness 1.6- 1.8mm, nominal outer diameter is 24±2mm
Sheath Color	Black
Cable Weight	730kg/km

Electrical and Physical Properties @20°C:

Coaxial Cable

Impedance: 75±3Ohm (@1MHz)

Nominal Attenuation: 6.72dB/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: 7.41Ohm/km

Insulation Resistance: ≥5500 MOhm×km

Audio Cable

Electrical Resistance: 18.1Ohm/km

Insulation Resistance: ≥1.1 MOhm .km

Element Assembly

Min Bending Radius: 360mm

Operating Temperature: -35°C/+90°C

Fire Performance:

Low Smoke Capacity: IEC61034-1/2

Halogen Free: IEC60754-1/2

Flame Propagation: IEC60332

* 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.