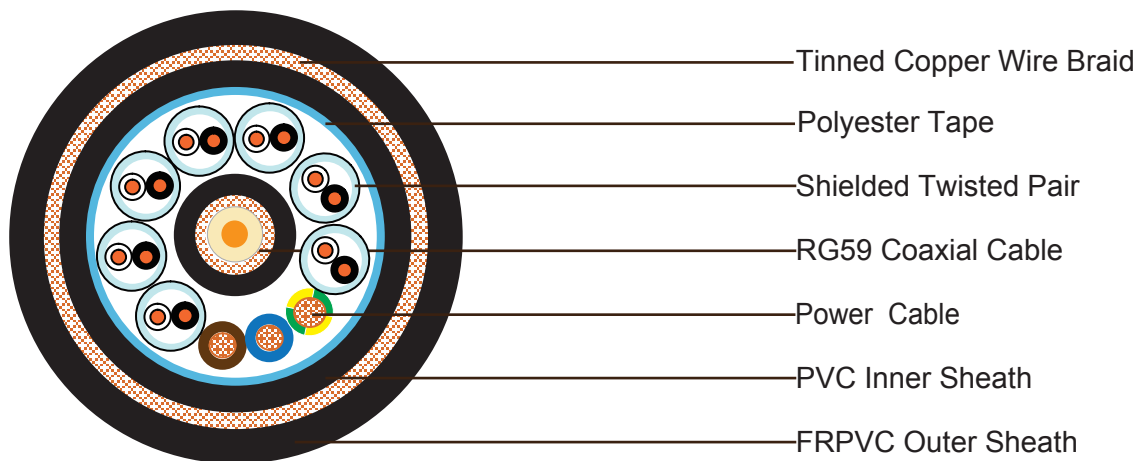




1xRG59 + 7x1x2x22AWG Data Cable + 3x16 AWG Power Cable TCWB FRPVC Sheathed Composite Cable

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 ≥ 95%
Sheath	PVC sheath. Nominal outer diameter 6.2mm
Sheath Color	Black

7x1x2x22 AWG Shielded Twisted Pair (around coaxial cable)

Conductor	7/0.254mm Stranded tinned copper
Insulation	PE material. Thickness 0.6mm
Insulation Color	Black and white
Shield	Aluminium polyester tape
Drain Wire	24 AWG stranded tinned copper drain wire



3x16AWG Power Cable (around coaxial cable)

Conductor	19/0.287mm Stranded tinned copper wire
Insulation	XLPE. Thickness 0.7mm

Element Assembly

Filler	PP material if necessary
Wrapping Tape	Polyester tape
Shield	Tinned copper wire braid, coverage 80%
Outer Sheath	UV resisting FRPVC, thickness 1.8mm, nominal outer diameter 25.0mm
Sheath Color	Black
Cable Weight	850kg/km

Electrical and Physical Properties @20°C:

Coaxial Cable

Impedance: 75±3Ohm (@1MHz)

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

Power Cable

Electrical Resistance: 6.6Ohm/km

Insulation Resistance: ≥5500 MOhm \times km

Data Pairs

Electrical Resistance: 90Ohm/km

Insulation Resistance: ≥1000 MOhm \times km

Element Assembly

Min Bending Radius: 420mm

Operating Temperature: -35°C/+80°C



Composite Cables

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.