



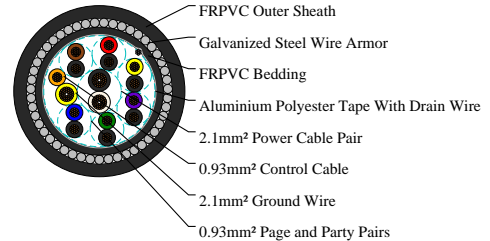
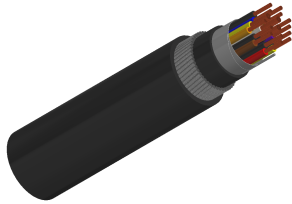
# Caledonian

Composite Cables

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## Fire Resistant SWA 16 Conductors UV Resistant & Vermin Proof FRPVC Composite Cable



### CABLE CONSTRUCTION

1 Pair Power cable and 1 ground wire

Conductor: 2.10mm<sup>2</sup>(42/0.25mm) annealed copper

Insulation: PVC material. Thickness 0.5mm

Sheath Color: Black and white

Ground wire color: Yellow-Green

6 Page and party pairs, 1 control wire

Conductor: 0.93mm<sup>2</sup>(19/0.25mm) annealed copper

Insulation: PVC material. Thickness 0.5mm

Insulation Color: Red-Black/Red, Violet-black/violet, Green-black/green, Blue-black/blue, Yellow-black/yellow, Brown-black/brown

Control wire color: Orange

#### Element Assembly

Core make-up: Six pairs and control wire laid around power pair and ground wire

Collective screen: Aluminium/p.e.t.p. laminated tape applied with the metallic side down in electrical contact with 7 stranded 0.25mm copper drain wire over the p.e.t.p. binder tape

Bedding: 1.0mm FRPVC compound

Armour: 1.6mm Galvanized steel wire. 0.2mm 80% Steel wire braid/1.25mm galvanized steel wire are optional

Sheath: UV Resistant & Vermin Proof FRPVC compound is applied over armour. Thickness 1.7mm, Overall diameter 26.75±1.25mm

Sheath Color: Black