



# Caledonian

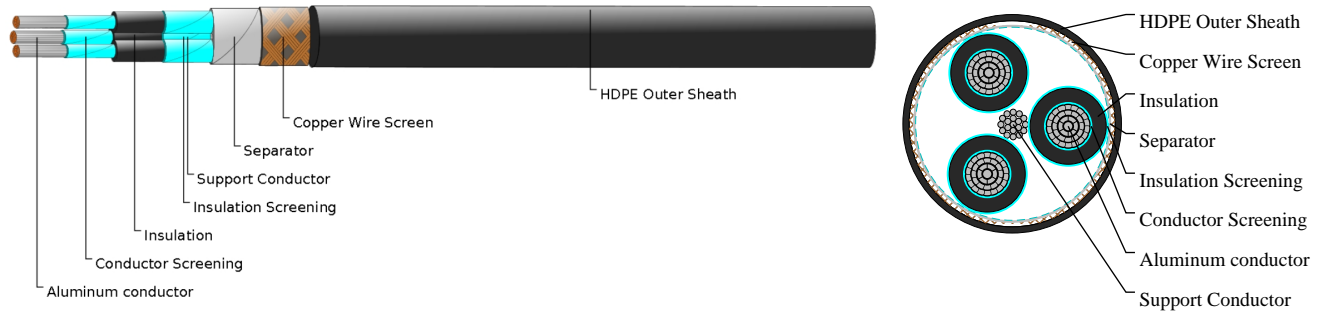
Aluminium Conductor Cables

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## 12.7/22kV Screened ABC –Aerial Bundled Cables to AS/NZS 3599.1 (AL/XLPE /CWS/HDPE) 3C120

### Heavy Duty Screen



### APPLICATIONS

Three XLPE insulated screened cores are bundled around the galvanized steel wires in a right hand lay.

### STANDARDS

AS/NZS 3599.1

### CABLE CONSTRUCTION

Phase Conductor: Circular compacted stranded H68 aluminium to BS2627.

Conductor Screen: Extruded semi-conductive layer.

Insulation: XLPE.

Insulation Screen: Extruded semi-conductive layer.

Metallic Screen: Copper wire screen.

Separator: Semi-conductive swellable tape.

Outer Sheath: HDPE.

Support Conductor: Galvanized steel wires.

Assembly: Three XLPE insulated screened cores are bundled around the galvanized steel wires in a right hand lay.

### DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	Conductor Diameter	Nominal Insulation Thickness	No. Diamter of Screened Wires	Nominal Sheath Thickness	Approx. Overall Diameter	Cable Weight
No. × mm <sup>2</sup>	mm	mm	no x mm	mm	mm	kg/km
3x120	12.8	5.5	39/1.35	2	81.2	4950