



Caledonian

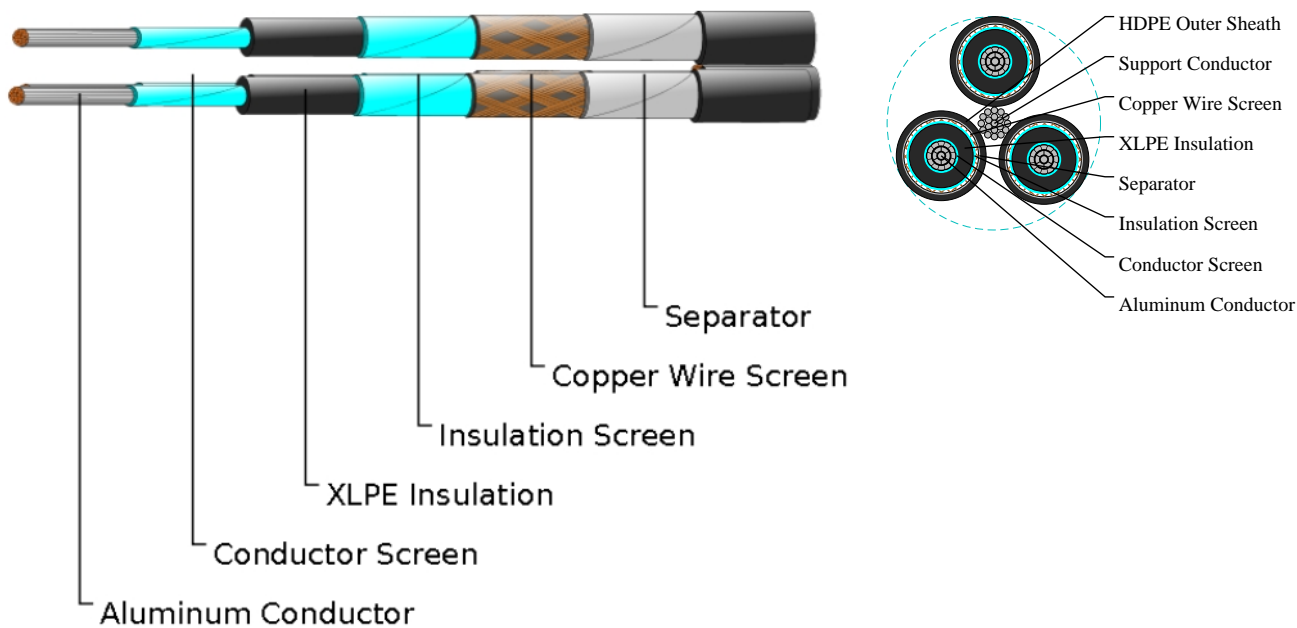
Aluminium Conductor Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

1kV Screened ABC –Aerial Bundled Cables to AS/NZS 3599.1 (AL/XLPE /CWS/HDPE) 3C50

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-	Conductor Diameter	Nominal Insulation Thickness	Nominal Insulation Screen Thickness	No. of	Nominal Sheath Thickness	Galvanizer Steel Wire Stranding	Approx. Overall Diameter	Cable Weight	Continuous Current Rating (Still air)	Continuous Current Rating	Continuous Current Rating
-----------------------	--------------------	------------------------------	-------------------------------------	--------	--------------------------	---------------------------------	--------------------------	--------------	---------------------------------------	---------------------------	---------------------------



Caledonian

Aluminium Conductor Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

sectional Area				Screened Wires						(1m/ s wind)	(2m/ s wind)
No.×mm ²	mm	mm	mm	no x mm	mm	no./mm	mm	kg/km	A	A	A
3x50	8.1	3.4	0.8	23/1.35	1.8	19/2	62.4	2820	120	170	200