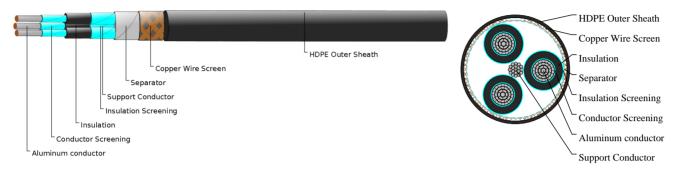


Caledonian

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) 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

		Insulation Thickness	Insulation Screen	Diamter	Sheath Thickness	Steel	Approx. Overall Diameter	Weight		Continuou Current Rating (1m/	Continuous Current Rating (2m/
Area				Wires					Ň, Ý	s wind)	s wind)
No.×mm²	² mm	mm	mm	no x mm	mm	no./mm	mm	kg/km	A	A	A
3x120	12.8	3.4	0.8	39/1.35	1.8	19/2	71.8	4320	205	300	355