

Caledonian

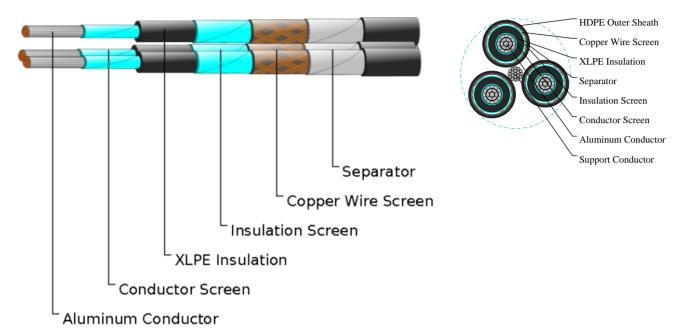
Aluminium Conductor Cables

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12.7/22kV Screened ABC -Aerial Bundled Cables to AS/NZS 3599.1 (AL/XLPE /CWS/HDPE) 3C95

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	Conducto	Nominal	Nominal	No.	Nominal	Galvanize	Approx.	Cable 0	Continuoแ	Continuo	Continuou
Cores ×	Diameter	Insulation	Insulation	Diamter	Sheath	Steel	Overall	Weight	Current	Current	Current
Cross-	•	Thickness	Screen	of	Thickness	Wire	Diameter		Rating	Rating	Rating
		·	Thickness			Stranding			(Still air)		



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sectional Area				Screened Wires						(1m/ s wind)	(2m/ s wind)
No.×mm²	mm	mm	mm	no x mm	mm	no./mm	mm	kg/km	А	А	А
3x95	11.4	5.5	0.8	39/1.35	1.9	19/2	78	4600	180	260	300