



# Caledonian

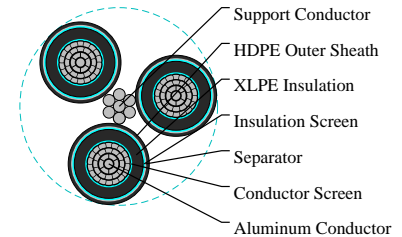
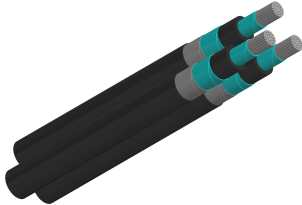
Aluminium Conductor Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

## MV Aerial Bundled Conductor (ABC) Cables

IEC 60502 6.35/11 kV ABC for Overhead Distribution Lines 3C185+1C120



## APPLICATIONS

Aerial bundled cables are mainly used for secondary overhead lines on poles or as feeders to residential premises.

## 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.

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	Nominal Cross-sectional Area	No./Nominal Diameter of Strands	Max. Conductor Resistance	Messenger Suspension Unit Stranding	Messenger Suspension Unit Bca ]bU GYW]cbU 5fYU	Messenger Suspension Unit 6fYU_]b[ @cUX	7 cb]bi ci g W ffYbhi fU]b[ Uh' \$\$7 Ua V]Ybh Y'a d
No.×mm <sup>2</sup>	mm <sup>2</sup>	no./mm	Ω/km	No.×mm	mm <sup>2</sup>	kN	A
3x185+1x120	185	37/2.52	0.164	7/4.67	120	150	259