



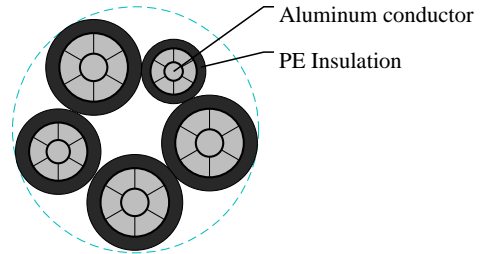
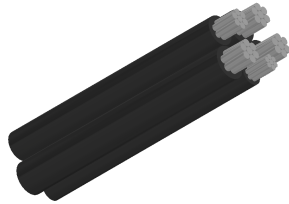
# Caledonian

Aluminium Conductor Cables

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## 600/1000V ABC –Aerial Bundled Cables to IEC 60502 & TNB Specification (AL/PE) 3C35+1C25+1C16



### APPLICATIONS

The aerial bundled cables designed for overhead distribution lines have an insulated neutral messenger made of AAAC, which the insulation aluminium phase conductors are helically wound over it. Can be used for fixed installation as overhead power lines up to 1000 V incl.

### STANDARDS

TNB Specification

IEC 60502

### CABLE CONSTRUCTION

Phase Conductor:H68 condition aluminium conductor, round stranded compressed.

Neutral or Messenger Conductor:Alloy aluminium conductor, round stranded compressed.

Street Lighting Conductor:H68 condition aluminium conductor, round stranded compressed.

Insulation:PE.

Assembly:The cable consists of insulated phase and street lighting aluminium conductors, shall be held firmly onto the insulated neutral messenger aluminium alloy conductor in a right hand (Z) lay.

### DIMENSION AND PARAMETERS

| No. of Cores ×<br>Cross-sectional Area | Approx. Overall<br>Diameter | Cable Weight | min. breaking load<br>of conductor strand | Current rating<br>in the air |
|--|-----------------------------|--------------|---|------------------------------|
| No.×mm <sup>2</sup>                    | mm                          | kg/km        | kN  | A                            |
| 3x35+1x25+1x16 RM                      | 25.6                        | 560          | 6.4                                       | 104                          |