



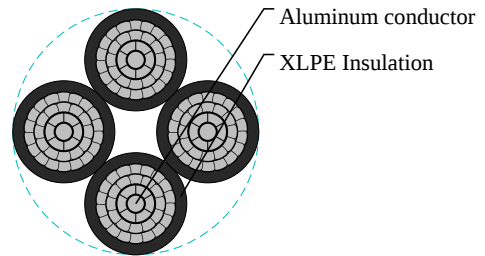
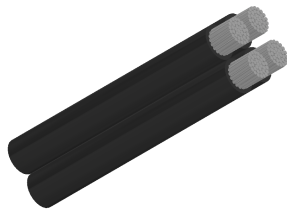
Caledonian

Aluminium Conductor Cables

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600/1000V ABC –Aerial Bundled Cables to HD 626 S1 (AL/XLPE) 4C120



APPLICATIONS

The aerial bundled cables designed for fixed installation as overhead power lines up to 1000 V incl.

STANDARDS

HD 626 S1

CABLE CONSTRUCTION

Conductor: Aluminium conductor, round stranded compressed (RM)

Insulation: XLPE

PHYSICAL AND THERMAL PROPERTIES

Rated voltage: 0.6/1 kV

Test voltage: 4/50 V_{eff} kV/Hz

Laying temperature: min. -20 °C

Operating temperature: -30 bis ~ +80 °C

Conductor temperature: max. +80 °C

Short-circuit temperature: max. +130 /5 °C/s

Bending radius (min.): 18 × ϕ of cable

DIMENSION AND PARAMETERS

No. of Cores × Cross- sectional Area	Approx. Overall Diameter	Cable Weight	max. conductor resistance	min. breaking load of conductor strand	Current rating in the air
No. × mm ²	mm	kg/km	Ω/km	kN	A
4x120 RM	54.4	1632	0.253	18.6	290