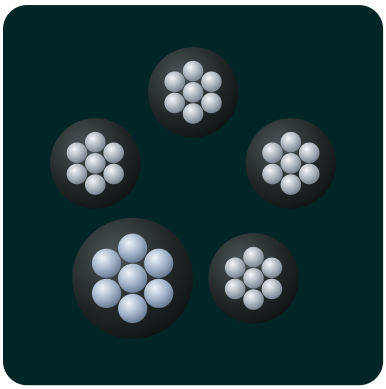


Aerial Bundled Cables (ABC)

ABC 3x25+54+1x25

3× 7/2.22 Al + 7/3.15 Al alloy + 7/2.22 Al · XLPE insulated

Characteristics

Overall diameter	25.65 mm
Approx. weight	642 kg/km
Total Al area	163.0 mm²
DC resistance phase 20 °C	1.0638 Ω/km
DC resistance neutral 20 °C	0.6141 Ω/km
Neutral breaking load ≈	15.5 kN
Rated voltage	0.6/1 kV
Standard	SANS 1418 · IEC 60502-1 · BS 7870-5

Construction

Component	Material	Construction	Cores	Area / core
Al Phase Core	Aluminium 1350	7 × Ø 2.22 mm	3	27.1 mm²
AL Alloy N Core	Al alloy 6201	7 × Ø 3.15 mm	1	54.5 mm²
Aux Core	Aluminium 1350	7 × Ø 2.22 mm	1	27.1 mm²
Insulation over Al Phase Core	XLPE	1.40 mm nominal	3	—
Insulation over AL Alloy N Core	XLPE	1.60 mm nominal	1	—
Insulation over Al Phase Core	XLPE	1.40 mm nominal	1	—

Indicative data calculated from the standard construction. Final values are given in the approved Technical Data Sheet (TDS) for each order. Drum length and marking to customer requirements. Prices on request. Cables are manufactured according to the applicable customer specifications and relevant technical standards. Compliance with specific EN standards is subject to verification and confirmation through the required testing.