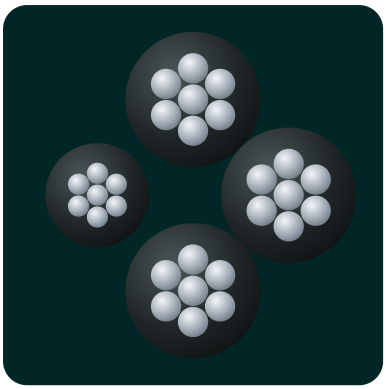


Aerial Bundled Cables (ABC)

# ABC 3x50+25

3× 7/3.00 Al + 7/2.10 Al · XLPE insulated

## Characteristics

| | |
|---|---|
| **Overall diameter** | 30.36 mm |
| **Approx. weight** | 725 kg/km |
| **Total Al area** | 172.7 mm² |
| **DC resistance phase 20 °C** | 0.5826 Ω/km |
| **DC resistance neutral 20 °C** | 1.1888 Ω/km |
| **Neutral breaking load ≈** | 3.6 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 3.00 mm | 3 | 49.5 mm² |
| Al Neutral Core | Aluminium 1350 | 7 × Ø 2.10 mm | 1 | 24.2 mm² |
| Insulation over Al Phase Core | XLPE | 2.00 mm nominal | 3 | — |
| Insulation over Al Neutral Core | XLPE | 1.85 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.