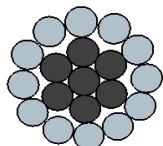


Feral 70 12/7 – Overhead line 112-AL1/65-ST1A (case 1)

CABLE DESIGN



- Central core 7x3.44mm ST1A Steel wires (greased)
- 1st Layer 12x3.44mm AL1 wires (dry)
- Right hand lay

CABLE DATA

Diameter of cable	17.20	mm
Diameter of steel core	10.30	mm
Diameter of steel wire	3.44	mm
Diameter of aluminium wire	3.44	mm
Weight of cable	816.8	kg/km
Weight of aluminium	307.1	kg/km
Weight of steel	509.7	kg/km
Rated Tensile Strength (RTS)	89.97	kN
Cross Section Alu Wire / Cross Section Steel Wire	111.5 / 65.1	mm ²
Total Metallic Cross Section	176.6	mm ²
DC Resistance (T=20°C)	0.2589	Ω/km

STANDARDS

EN 50182 – Conductors for Overhead lines