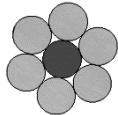


Feral 50 6/1 – Overhead line 80-AL1/13-ST1A (case 4)

CABLE DESIGN



- Central core 1x4.11mm ST1A Steel wires (greased)
- 1st Layer 6x4.11mm AL1 wires (greased)
- Right hand lay

CABLE DATA

Diameter of cable	12.3	mm
Diameter of steel core	4.11	mm
Diameter of steel wire	4.11	mm
Diameter of aluminium wire	4.11	mm
Weight of cable	321.4	kg/km
Weight of aluminium	218.0	kg/km
Weight of steel	103.4	kg/km
Rated Tensile Strength (RTS)	27.33	kN
Cross Section Alu Wire / Cross Section Steel Wire	79.6 / 13.3	mm ²
Total Metallic Cross Section	92.9	mm ²
DC Resistance (T=20°C)	0.3600	Ω/km

STANDARDS

EN 50182 – Conductors for Overhead lines