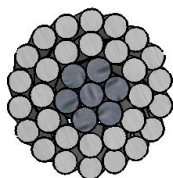


Feral 185 22/7 – Overhead line 294-AL1/28-ST1A (case 0)

CABLE DESIGN



- Central steel core 7 x 2.27mm ST1A (dry)
- 1st Layer 8x4.13mm AL1 wires (dry)
- 2nd Layer 14x4.13mm AL1 wires (dry)
- Right hand lay

CABLE DATA

Diameter of cable	23.33	mm
Diameter of steel core	6.81	mm
Diameter of steel wire	2.27	mm
Diameter of aluminium wire	4.13	mm
Weight of cable	1042	kg/km
Weight of aluminium	819	kg/km
Weight of steel	223	kg/km
Rated Tensile Strength (RTS)	72.10	kN
Cross Section AA Wire / Cross Section ACS Wire	294.5/28.3	mm ²
Total Metallic Cross Section	322.8	mm ²
DC Resistance (T=20°C)	0.0978	Ω/km

STANDARDS

EN 50182 – Conductors for Overhead lines