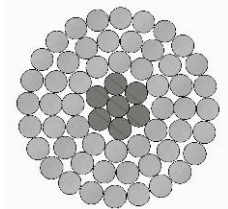


Feral 329 Curlew 54/7 – Overhead line 525-AL1/68-ST1A (Case 1)

CABLE DESIGN



- Central core 7x3.52mm ST1A Steel wires (greased)
- 2nd Layer 12x3.52mm AL1 wires (dry)
- 3rd Layer 18x3.52mm AL1 wires (dry)
- 4th Layer 24x3.52mm AL1 wires (dry)
- Right hand lay

CABLE DATA

Diameter of cable	31.70	mm
Diameter of steel core	10.6	mm
Diameter of steel wire	3.52	mm
Diameter of aluminium wire	3.52	mm
Weight of cable	2135.5	kg/km
Weight of aluminium	1451.4	kg/km
Weight of steel	534.6	kg/km
Weight of grease	149.5	kg/km
Rated Tensile Strength (RTS)	159.01	kN
Cross Section Alu Wire / Cross Section Steel Wire	525.5 / 68.1	mm ²
Total Metallic Cross Section	593.6	mm ²
DC Resistance (T=20°C)	0.0550	Ω/km

STANDARDS

EN 50182 – Conductors for Overhead lines