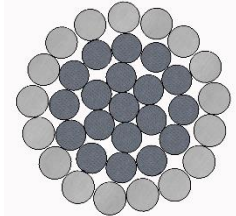


AACSR Gondul - Overhead line 96-AL3/102-ST5E (case 4)

CABLE DESIGN



- Central core 1x2.61mm ST5E Steel wire (greased)
- 1st Layer 6x2.61mm ST5E Steel wires (greased)
- 2nd Layer 12x2.61mm ST5E Steel wires (greased)
- 3rd Layer 18x2.61mm AL3 wires (greased)
- Right hand lay

CABLE DATA

Diameter of cable	18.3 +/- 0.1	mm
Diameter of steel core	13.1	mm
Diameter of steel wire	2.61	mm
Diameter of aluminium wire	2.61	mm
Weight of cable	1064.4	kg/km
Weight of aluminium	262.7	kg/km
Weight of steel	801.7	kg/km
Rated Tensile Strength (RTS)	167.68	kN
Cross Section Alu Wire / Cross Section Steel Wire	96.3 / 101.7	mm ²
Total Metallic Cross Section	198.0	mm ²
DC Resistance (T=20°C)	0.3469	Ω/km

STANDARDS

EN 50182 – Conductors for Overhead lines