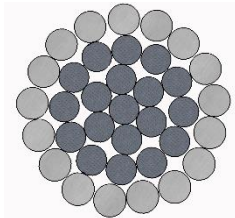


AACSR Goll - Overhead line 96-AL3/86-ST5E (case 1)

CABLE DESIGN



- Central core 1x2.40mm ST5E Steel wire (greased)
- 1st Layer 6x2.40mm ST5E Steel wires (dry)
- 2nd Layer 12x2.40mm ST5E Steel wires (dry)
- 3rd Layer 16x2.77mm AL3 wires (dry)
- Right hand lay

CABLE DATA

Diameter of cable	17.50 +/- 0.1	mm
Diameter of steel core	12.00	mm
Diameter of steel wire	2.40	mm
Diameter of aluminium wire	2.77	mm
Weight of cable	941.3	kg/km
Weight of aluminium	262.9	kg/km
Weight of steel	678.4	kg/km
Rated Tensile Strength (RTS)	146.2	kN
Cross Section Alu Wire / Cross Section Steel Wire	96.4 / 86	mm ²
Total Metallic Cross Section	182.4	mm ²
DC Resistance (T=20°C)	0.3462	Ω/km

STANDARDS

EN 50182 – Conductors for Overhead lines