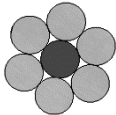


Feral 70 6/1 – Overhead line 111-AL1/19-ST1A (case 1)

CABLE DESIGN



- Central core 1x4.86mm ST1A Steel wires (greased)
- 1st Layer 8x4.86mm AL1 wires (dry)
- Right hand lay

CABLE DATA

Diameter of cable	14.6	mm
Diameter of steel core	4.86	mm
Diameter of steel wire	4.86	mm
Diameter of aluminium wire	4.86	mm
Weight of cable	449.4	kg/km
Weight of aluminium	304.6	kg/km
Weight of steel	144.8	kg/km
Rated Tensile Strength (RTS)	38.21	kN
Cross Section Alu Wire / Cross Section Steel Wire	111 / 19	mm ²
Total Metallic Cross Section	129.9	mm ²
DC Resistance (T=20°C)	0.2575	Ω/km