



Cable Description: AAC HAWTHORN OVERHEAD CONDUCTOR : WAPDA P-63:2007 : :

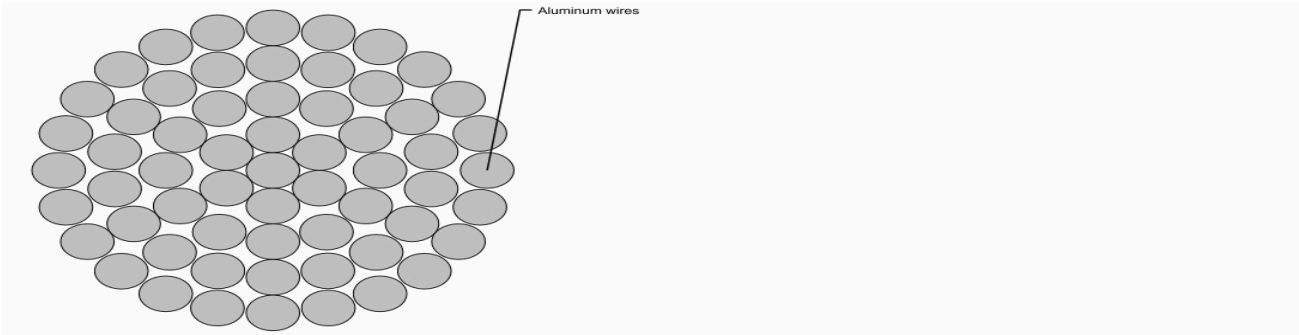
Design and Construction Data

Electrical Data		
Max Conductor DC resistance @ 20 °C	ohm/km	0.0479
Current carrying Capacity @ 50 °C	Amp	791
Wind speed (v)	m/s	0.6
Solar radiation (Si)	W/m²	1200
Emmisivity (Ke)		0.5
Solar radiation absorption coefficient (Y)		0.5
The Conductor shall meet all Test requirements		WAPDA P-63:2007

Conductors-Overhead

**Cable Description: AAC HAWTHORN OVERHEAD CONDUCTOR : WAPDA P-63:2007 : :
STRANDING**

Cable Drawing



AAC HAWTHORN OVERHEAD CONDUCTOR : WAPDA P-63:2007 : : Stranding		Approx. Diameter
Layer 1: No. of Wires / Aluminum Size 1/3.55mm	mm	3.55
Layer 2: No. of Wires / Aluminum Size 6/3.55mm	mm	10.65
Layer 3: No. of Wires / Aluminum Size 12/3.55mm	mm	17.75
Layer 4: No. of Wires / Aluminum Size 18/3.55mm	mm	24.85
Layer 5: No. of Wires / Aluminum Size 24/3.55mm	mm	31.95