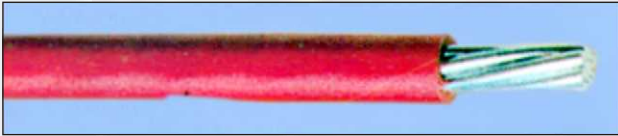




-the nation's live wire-

Single-Core, Aluminium Conductor, Non Sheathed 600/1000V Wire (Al-OW)



Specification: PHCN requirements

Construction: hard-drawn aluminum solid or stranded conductor with PVC insulation.

Colour of core identification: red or grey

Application: overhead power distribution

Conductor		Radial thickness of insulation mm	Overall diameter (upper limit) mm	Calculated DC resistance per km at 20°C ohm	Approximate mass per km kg	Standard unit length m
Nominal cross sectional area mm ²	Number and nominal diameter of wires mm					
10	7/1.35	1.05	6.15	2.96	55	100
16	7/1.7	1.05	7.2	1.87	78	100
25	7/2.14	1.05	8.52	1.18	121	100
35	7/2.5	1.40	10.3	0.86	162	100

See the next page for current - Carrying capacities and associated voltage drops for AL - OW

AL - OW
Aluminium outdoor weather proof