



## Waveform Aluminium Cable 600/1000v BS7870

Solid aluminium conductors / XLPE insulation / rubber bedded / Copper wire waveform concentric / PVC sheathed.

**Applications:** Aluminium cable suitable for power distribution  
**Volts grade:** 600 / 1000  
**Sheath colour:** Black  
**Standards:** BS 7870-8.1:2003 LV & MV polymeric insulated cables for use by distribution and generation utilities. Specification for multicore and multi pair cables for installation above and below ground. Single wire armoured and PVC sheathed multi pair cable with copper conductors.



Size sq.mm	Reactance at 50Hz	Min thickness of insulation mm	Internal diameter of ducts mm	Min bending radius mm	Wavelength of wires mm	Thickness of PVC sheath mm	Nominal overall diameter mm	Weight kg/km	BATT part no
35	0.0780	0.9	75	450	220	1.8	27	1.1	56397
95	0.0735	1.1	100	550	250	2.1	35	2.3	56398
185	0.0740	1.6	100	700	300	2.5	46	4.0	56399
300	0.0725	1.8	100	850	375	2.8	55	5.4	56400

### Current Ratings

Size sq.mm	Laid direct in ground amps	Laid in ducts amps	Laid in air amps
70	195	160	185
95	235	190	230
120	265	225	265
185	335	275	350
240	390	320	415
300	435	360	475