



15KV Single Core AWA PVC Cable BS6622 IEC60502-2

Applications:	Mains power transmission cables
Conductor:	Plain annealed stranded compacted copper
Conductor identification:	Coloured tape under the screen
Insulation:	XLPE (Cross linked polyethylene)
Screen:	Semi-conducting layer with a copper tape screen covering each core
Bedding	PVC (Polyvinyl chloride)
Armour:	AWA (Aluminium wire armour)
Outer sheath:	PVC (Polyvinyl chloride)
Colour:	Red (Black on request)
Voltage:	8.7 / 15 kv
Operating temperature:	Maximum 90°C, minimum bending 0°C
Standards:	BS6622 (PVC) BS6622: Power cables, thermosetting polymer insulated high voltage or BS7835 (LSZH) : Specification for armoured cables with extruded cross-linked polyethylene or ethylene propylene rubber insulation for rated voltages from 3.8/6.6kV up to 19/33kV having low emission of smoke and corrosive gases when affected by fire. IEC60502-2: Power cables with extruded insulation and their accessories for rated voltages from 6kV to 30kV ($U_m=36kV$)



Size sq.mm	Reactance at 50HZ	Impedance at 50KZ	Max capacitance pF/m	Min bending radius mm	Thickness of PVC bedding mm	Thickness of PVC sheath mm	Approx overall diameter mm	Weight kg/m	BATT part no Red	BATT part no Black
150	121	198	301	700	1.2	2.1	37.8	2.7	-	56256
240	113	148	363	800	1.2	2.3	42.4	3.8	-	-
300	108	133	398	850	1.2	2.3	44.7	4.5	-	56259
400	107	124	439	900	1.3	2.5	49.0	5.6	-	-
500	103	114	483	950	1.3	2.6	52.1	6.7	-	-
630	99.5	107	534	1050	1.4	2.7	55.9	8.2	56690	-