

## BS5467 AWA PVC Cable IEC 60502 600/1000V XLPE/PVC/AWA/PVC (COPPER) BS5467

<b>Applications:</b>	Power cable suitable for power networks, direct burial, outdoors, indoors and in cable ducts
<b>Conductors:</b>	Plain annealed stranded copper
<b>Conductor stranding:</b>	Class 2 – Stranded circular or circular compacted
<b>Conductor identification:</b>	Brown
<b>Insulation:</b>	XLPE (Cross linked polyethylene)
<b>Core identification:</b>	Brown
<b>Bedding:</b>	PVC (Polyvinyl-Chloride)
<b>Armour/Protection:</b>	AWA (Aluminium wire armour) non-magnetic
<b>Sheath/Jacket:</b>	PVC (Polyvinyl-Chloride)
<b>Colour:</b>	Black
<b>Voltage:</b>	600/1000v
<b>Operating temperature</b>	Maximum 90°C, Minimum bending 0°C
<b>Minimum bending radius:</b>	6 x overall diameter (Wherever possible, larger installation radius should be used)
<b>Standards:</b>	BS5467: Electric cables. Thermosetting insulated, armoured cables for voltages of 600/1000V and 1900/3300V. IEC 60502: Power cables with extruded insulation and their accessories for rated voltages from 1kV to 30kV. Flame Propagation Test to BS EN 60332-1-2 for single cable.
<b>Notes:</b>	For current rating refer to Table 4E3A If you are considering installing in high UV exposure and/or high/low ambient temperatures i.e. desert/arctic conditions then special sheathing may be required Good behaviour against Hydrocarbons



Size sq.mm	Max diameter over conductor mm	RT of insulation mm	Diameter over core mm	RT of bedding mm	Diameter over bedding mm	Diameter of armour wire mm	Diameter over armour mm	Approx overall diameter mm	Weight kg/km	BATT Part No.
50	8.90	1.0	10.9	0.8	12.6	0.9	14.5	17.5	708	56439
70	10.70	1.0	12.9	14.6	14.6	1.25	17.1	20.2	970	56440
95	12.60	1.1	14.8	16.4	16.4	1.25	19.0	22.3	1240	56441
120	14.21	1.2	16.7	18.4	18.4	1.25	21.0	24.2	1510	56442
150	15.75	1.4	18.6	20.7	20.7	1.6	24.0	27.4	1930	56443
185	17.64	1.6	20.9	23.0	23.0	1.6	26.3	30.0	2330	56444
240	20.25	1.7	23.8	25.9	25.9	1.6	29.2	32.8	2900	56445
300	22.68	1.8	26.4	28.5	28.5	1.6	31.8	35.6	3530	56446
400	25.65	2.0	29.8	32.3	32.3	2.0	36.4	40.4	4690	56447
500	28.80	2.2	33.3	35.8	35.8	2.0	39.9	44.2	5740	56448
630	32.76	2.4	37.7	40.2	40.2	2.0	44.3	48.8	7150	56449
800	37.05	2.6	42.4	45.3	45.3	2.5	50.4	55.4	9070	56450
1000	41.60	2.8	47.3	50.2	50.2	2.5	55.3	60.6	11120	56451

Gland Selection Table					
Size sq.mm	Gland type/size	BATT Part No.	Size sq.mm	Gland type/size	BATT Part No.
50	CWA 20	88469	300	CWA 40	88391
70	CWA 25	88389	400	CWA 50S	88393
95	CWA 25	88389	500	CWA 50S	88393
120	CWA 25	88389	630	CWA 50S	88393
150	CWA 32	88697	800	CWA 63S	88395
185	CWA 32	88697	1000	CWA 63	88396
240	CWA 40	88391			

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