



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

Single core plain annealed copper conductor to IEC60228, XLPE insulated to IEC60502/PVC extruded bedded to IEC60502/Aluminium wire armoured to IEC60502/PVC sheathed to IEC60502 600/1000 volts grade to BS5467. Flame retardant to IEC60332 and hydro carbon resistant.

Applications: Power cable suitable for power networks, underground, outdoors, indoors and in cable ducts
Conductor stranding: Class 2 – Stranded circular or circular compacted
Operating temperature: Maximum 90°C, Minimum bending 0°C
Conductor identification: Brown
Minimum bending radius: 10 x overall diameter
 (Wherever possible, larger installation radius should be used)
 For current rating refer to Table 4E3A

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			

