



BS5467 Aluminium Cable 600/1000V

Applications:	Armoured aluminium mains cable to British Standard BS5467 suitable for power networks
Conductors:	Solid sectorial aluminium
Insulation:	XLPE (Cross linked polyethylene)
Core identification:	Brown, Black, Grey & Blue
Bedding:	PVC (Polyvinyl-Chloride)
Armour/Protection:	SWA (Single wire armour)
Sheath/Jacket:	PVC (Polyvinyl-Chloride)
Colour:	Black
Voltage:	600/1000v
Operating Temperature:	Maximum 90°C. Minimum bending 0°C
Minimum bending radius:	10 x overall diameter (wherever possible, larger installation radi should be used)
Conductor identification:	Brown, Grey, Blue and Black
Standards:	BS5467 Electric cables. Thermosetting insulated, armoured cables for voltages of 600/1000V and 1900/3300V Flame Propagation Test to BS EN 60332-1-2 for single cable
Notes:	For current ratings refer to Table 4L4A (16 th edition) Table 4J4A (17 th edition) 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.



THREE CORE: BS5467 Alu

Size Sq. mm	Diameter of conductor mm	Thickness of insulation mm	Min thickness of over sheath mm	Overall diameter pp. mm	Current carrying capacity in Conduit (A)	Current carrying capacity in Air (A)	Conductor DC Resistance at 20°C max ohm/km	Net Weight kg/km	BATT CABLES part no	BW Gland size/ type	Gland part no
150	14.40	1.30	1.88	51.5	299	308	0.206	5445	56750		

FOUR CORE: BS5467

Size Sq. mm	RT of insulation	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 CABLES part no	BW Gland size/ type	Gland part no
25	0.9	15.7	1.0	17.8	1.6	21.1	24.6	1260	53200	25	88346
35	0.9	17.9	1.0	20.0	1.6	23.3	27.0	1430	56201	32	88283
50	1.0	20.7	1.0	22.8	1.6	26.1	30.0	1725	56202	32	88283
70	1.1	24.1	1.2	26.7	2.0	30.9	35.3	2525	56203	40	88284
95	1.1	27.6	1.2	30.2	2.0	34.4	39.0	3000	56613	40	88284
120	1.2	31.0	1.4	34.0	2.5	39.2	44.0	3950	56205	50S	88349
150	1.4	34.7	1.4	37.7	2.5	42.9	47.9	4500	56206	50S	88349
185	1.6	38.8	1.4	41.9	2.5	47.2	52.7	5400	56644	50	88350
240	1.7	44.0	1.6	47.5	2.5	52.8	58.5	6400	-	63S	88351
300	1.8	48.8	1.6	52.4	2.5	57.7	63.8	7650	-	63	88352

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