

Standard PVC Cable

British Wiring				Cross Section		Resistance		Outside dia	Outside dia
Part #	AES Part #	# Strands / Dia mm	AWG	mm ²	Current A	mOhm/m		mm	in
C109	010101	9/0.3			0.65	5.8		2.3	0.091
C114	010102	14/0.3		18	1.0	8.8		2.6	0.102
SMP Cable		18/.55 or 19/.47		16	1.3	Approx 11			
C128	010103	28/0.3		14	2.0	17.5		3.3	0.130
C144	010104	44/0.3		12	3.0	27.5		3.7	0.146
C165	010105	65/0.3		10	4.5	35.0		5.0	0.197
C184	010106	84/0.3			6.0	42.0		5.7	0.224
	010107	97/0.3			7.0	50.0		6.2	0.244
C120	010108	120/0.3			8.5	60.0		7.0	0.276
	010109	80/0.4			10.0	70.0		7.5	0.295

Thin wall PVC Cable

British Wiring				Cross Section		Resistance		Outside dia	Outside dia
Part #	AES Part #	# Strands / Dia mm		mm ²	Current A	mOhm/m		min mm	max mm
	010710	12/0.2			0.35	8.0	51.9	1.2	1.4
	010701	16/0.2			0.5	11.0	37.1	1.4	1.6
C632	010702	32/0.2			1.0	16.5	18.5	1.9	2.1
C628	010703	28/0.3			2.0	25.0	9.4	2.5	2.8
C644	010704	44/0.3			3.0	33.0	6.0	3.1	3.4
	010705	56/0.3			4.0	39.0	4.7	3.4	3.7
	010706	84/0.3			6.0	50.0	3.1	4.0	4.3
	010707	120/0.3			8.5	63.0	2.2	5.4	5.7
	010708	80/0.4			10.0	70.0	1.8	8.5	6.0