



6181Y Double insulated surface wiring

Plain annealed copper conductor, PVC insulated / PVC sheathed. 300/500 volts grade to BS6004 (where applicable).

Standard Colours:	Brown / Grey and Blue / Grey
Conductor stranding:	1.0mm – 2.5mm Class 1 – circular solid 4.00mm – 25mm Class 2 – stranded circular or circular compacted
Operating temperature:	Maximum 70°C, Minimum bending 0°C
Minimum bending radius:	Diameter up to 10mm 3 x Overall diameter Diameter 10 – 25mm 4 x Overall diameter

For current ratings refer to table 4D1A



Size sq.mm	Diameter over conductor mm	RT of insulation mm	Diameter over core mm	Nominal overall diameter mm	Weight kg/km
1.0	1.13	0.6	2.4	4.1	28
1.5	1.38	0.7	2.8	4.5	34
2.5	1.78	0.7	3.4	5.1	49
4	2.55	0.8	4.2	6.1	75
6	3.12	0.8	4.8	8.7	99
10	4.05	1.0	6.1	8.0	155
16	5.10	1.0	7.1	9.1	225
25	6.42	1.2	8.9	11.2	340

BATT PART NUMBER TABLE									
Conductor size mm									
Colour	1.0	1.5	2.5	4.0	6.0	10	16	25	35
Red/Grey	16046	16404	16406	16099	16217	-	16243	16397	16175
Black/Grey	16391	16405	16407	16453	16234	16240	16036	16393	16395
Red/Red	-	16474	16227	16230	-	16238	16708	16248	16252
Black/Black	-	-	16229	16231	16235	16241	16245	16249	16253
Blue/Blue	-	-	16351	-	-	16422	-	-	-
Blue/Grey	16625	16612	16529	16626	16538	16680	16682	-	-
Brown/Grey	16598	16599	16528	16627	16535	16809	16784	-	-