

## 16-2-A Part 5 (Unscreened): PVC/PVC

<b>Conductor:</b>	Tinned annealed flexible copper
<b>Conductor Identification:</b>	Single and Bi-coloured Cores 2 to 36 core in acc.Def Stan 61-12. 50 core and above to BATT Cables Colour code.
<b>Insulation:</b>	PVC (polyvinyl chloride)
<b>Tape:</b>	
<b>Screen:</b>	
<b>Sheath:</b>	PVC (Polyvinyl Chloride)
<b>Colour:</b>	Black
<b>Size:</b>	0.5mm <sup>2</sup>
<b>Stranding:</b>	16/.2
<b>Diameter over conductor:</b>	0.93mm
<b>RT of insulation:</b>	0.45mm
<b>Nom overall diameter of core:</b>	1.83mm
<b>Current rating:</b>	2.5 amps
<b>Max conductor resistance at 20°C:</b>	40.1 ohms DC/KM
<b>Voltage:</b>	440v
<b>Min bending radius:</b>	6 x overall diameter
<b>Operating Temperature:</b>	70°C, Minimum bending: 0°C
<b>Standards:</b>	Defence standard 61-12 Part 5: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multicore cables)



No of cores	Nato No. 6145-99-110-	Cable ref	Diameter over laid up cores mm	Nominal overall diameter mm	Weight kg/km	BATT Part No
2	6715	16-2-2A	3.7	5.5	34	35031
3	6722	16-2-3A	3.9	5.8	42	35032
4	6726	16-2-4A	4.4	6.3	52	35033
6	6733	16-2-6A	5.5	7.3	75	35034
8	-	16-2-8A	6.8	8.6	94	35035
10	-	16-2-10A	7.2	9.2	113	35036
12	6743	16-2-12A	7.6	9.5	120	35037
18	6749	16-2-18A	9.2	11.0	180	35038
25	6756	16-2-25A	11.0	13.1	230	35039
36	6760	16-2-36A	12.8	15.1	353	35040
50	-	16-2-50A	15.3	17.6	474	35042
60	6761	16-2-60A	16.5	18.8	558	35043

\*\* generally to Def Stan 61-12 Part 5