

## 16-2-C Part 5 (Screened): PVC/TCWB/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>Screen:</b>	TCWB (Tinned copper wire braid)
<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- Except for 1	Cable ref	Diameter over laid up cores mm	Diameter of braid wire mm	Diameter over collective screen mm	Nominal overall diameter mm	Weight kg/km	BATT Part No
1	6145-99-015-1682	16-2-1C	1.83	0.1	2.4	3.6	24	35044
2	6717	16-2-2C	3.7		4.7	6.5	69	35045
3	6724	16-2-3C	4.0	0.2	5.0	6.8	79	35046
4	6728	16-2-4C	4.4	0.2	5.4	7.3	92	35047
6	6735	16-2-6C	5.5	0.2	6.5	8.3	120	35048
**7	-	16-2-7C	5.5	0.2	6.5	8.3	129	35049
**8	-	16-2-8C	6.1	0.2	7.1	8.9	146	35050
10	6742	16-2-10C	8.4	0.2	9.4	11.3	190	35051
12	6745	16-2-12C	7.6		8.6	10.5	190	35052
18	6751	16-2-18C	9.2	0.2	10.2	12.5	250	35053
25	6758	16-2-25C	11.0	0.2	12.0	14.1	320	35054
36	6760	16-2-36C	12.8	0.2	13.8	16.1	450	35055
**50	-	16-2-50C	15.3	0.2	16.3	18.5	564	35057
60	6761	16-2-60C	16.5	0.2	17.5	19.7	670	35059

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