

## 7-2-C Part 4 (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>	0.22mm <sup>2</sup>
<b>Stranding:</b>	7/.2
<b>Diameter over conductor:</b>	0.6mm
<b>RT of insulation:</b>	0.3mm
<b>Nom overall diameter of core:</b>	1.20mm
<b>Current rating:</b>	1.0 amps
<b>Max conductor resistance at 20°C:</b>	92 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 4: Wires, cords & cables, electrical -metric units. Part 4 - cables, special purpose, electrical (sub miniature electrical cables)



No of cores	Nato No. 6145-99-110-	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
2	8622	7-2-2C	2.4	0.1	2.9	3.9	23	35012
3	8625	7-2-3C	2.6	0.1	3.1	4.1	27	35013
4	8628	7-2-4C	2.9	0.1	3.4	4.4	32	35014
6	8631	7-2-6C	3.6	0.15	4.4	5.6	55	35015
**8	-	7-2-8C	4.0	0.15	4.8	5.9	69	35016
12	8634	7-2-12C	5.0	0.15	5.8	6.9	83	35017
**15	-	7-2-15C	5.5	0.15	6.3	7.6	97	35157
18	8637	7-2-18C	6.0	0.15	6.8	8.2	110	35018
**20	-	7-2-20C	6.4	0.15	7.2	8.5	120	35019
25	8640	7-2-25C	7.2	0.15	8.0	9.5	150	35020
36	8643	7-2-36C	8.4	0.15	9.2	10.8	200	35021
50	8646	7-2-50C	10.0	.20	11.0	12.6	270	35023
60	8649	7-2-60C	10.8	0.20	11.8	13.4	310	35025

\*\* Generally to Def Stan 61-12 Part 4