



7-1-C Part 4 (Screened): PVC/TCWB/PVC

Application:	Def stan cable 7-1-C
Conductors:	Tinned annealed flexible copper
Conductor size:	0.05mm ²
Stranding:	7/.1mm
Diameter over conductor:	0.3mm
RT of insulation:	0.2mm
Nominal overall diameter or core:	0.7mm
Current rating@	0.25amps
Max conductor resistance at 20°C:	384 Ohms DC/KM
Insulation:	PVC (Polyvinyl chloride)
Core identification:	Single and bi-coloured cores 2 to 36 core in acc. Def Stan 61-12 50 core and above to BATT cables colour code
Tape:	Polyester
Screen:	TCWB (Tinned copper wire braid)
Sheath:	PVC (Polyvinyl chloride)
Colour:	Black / Grey
Voltage:	250v
Operating temperature:	Maximum 70°C, Minimum bending 0°C
Minimum bending radius:	6 x overall diameter
Standards:	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 Black	BATT Part No Grey
2	8583	7-1-2C	1.4	0.10	1.9	2.7	13	35073	-
3	8586	7-1-3C	1.5	0.10	2.0	2.9	15	35074	-
4	8589	7-1-4C	1.7	0.10	2.2	3.1	17	35075	35163
6	8592	7-1-6C	2.1	0.10	2.6	3.5	21	-	35076
12	8595	7-1-12C	2.9	0.10	3.4	4.3	31	35077	-
**15	-	7-1-15C	3.2	0.15	3.9	4.8	41	35078	35160
18	8598	7-1-18C	3.5	0.15	4.3	5.4	50	35120	-
25	8601	7-1-25C	4.2	0.15	5.0	6.1	62	35079	35161
36	8604	7-1-36C	4.9	0.15	5.7	6.8	79	35115	35162
50	8607	7-1-50C	5.9	0.15	6.7	8.0	100	35181	-
60	8610	7-1-60C	6.3	0.15	7.1	8.4	120	35182	-