

c a b l e s

defence standard cables

190 C PTFE equipment wire to DEF STAN 61-12 Part 8 and BS.G210

Single core, Silver plated copper conductor, PTFE insulated

Wire Size No.	Size SQ.MM	Stranding m m	Conductor Diameter m m	Insulation Thickness Minimum m m	Insulation Thickness Nominal m m	Overall Diameter Minimum m m	Overall Diameter Nominal m m	Weight kg/km	Maximum Resistance OHMS / KM at 20 C D	Amperage at 150 C A	Voltage AC/RMS V	Type
28	0.09	7/.12	0.38	0.10	0.15	0.56	0.71	1.32	244.00	3.0	250	A
24	0.22	7/.20	0.60	0.10	0.15	0.80	0.95	2.85	88.30	6.0	250	A
22	0.33	19/.15	0.75	0.10	0.15	0.95	1.10	4.22	58.60	8.0	250	A
24	0.22	7/.20	0.60	0.20	0.25	1.00	1.20	3.52	88.30	6.0	500	B
22	0.33	19/.15	0.75	0.20	0.25	1.15	1.35	5.06	58.60	8.0	500	B
20	0.59	19/.20	1.00	0.20	0.25	1.40	1.60	7.44	32.50	11.0	500	B
18	0.93	19/.25	1.25	0.20	0.25	1.65	1.85	8.85	20.60	15.0	500	B
20	0.59	19/.20	1.00	0.33	0.40	1.66	1.92	9.18	32.50	11.0	1000	C
16	1.34	19/.30	1.50	0.33	0.40	2.16	2.46	19.25	14.30	20.0	1000	C
12	3.02	19/.45	2.25	0.33	0.40	2.91	3.31	36.0	6.28	35.0	1000	C
10	4.65	37/.40	2.80	0.33	0.40	3.46	3.86	54.0	4.01	47.0	1000	C

defence standards reference chart

CORES	7/.15mm PVC/PVC	7/.15mm TCWB	7/.15mm INDTCWB	7/.15mm CAM	7/.20mm PVC/PVC	7/.20mm TCWB	7/.20mm INDTCWB	7/.20mm CAM	16/.20mm PVC/PVC	16/.20mm TCWB	16/.20mm INDTCWB	16/.20mm CAM
1	-	-	-	-	-	-	-	-	-	16-2-1C	-	-
2	-	7-1-2C	-	-	7-2-2A	7-2-2C	7-2-2D	-	16-2-2A	16-2-2C	16-2-2D	16-2-2S
3	-	-	-	-	7-2-3A	7-2-3C	7-2-3D	-	16-2-3A	16-2-3C	16-2-3D	-
4	-	7-1-4C	7-1-4D	-	7-2-4A	7-2-4C	7-2-4D	7-2-4S	16-2-4A	16-2-4C	16-2-4D	16-2-4S
6	-	7-1-6C	-	-	7-2-6A	7-2-6C	7-2-6D	7-2-6S	16-2-6A	16-2-6C	16-2-6D	16-2-6S
7	-	-	-	-	-	-	-	-	-	16-2-7C	16-2-7D	-
8	-	-	-	-	7-2-8A	7-2-8C	-	7-2-8S	16-2-8A	16-2-8C	-	-
9	-	7-1-9C	-	-	-	-	-	-	-	-	-	-
10	-	-	-	-	-	-	-	-	16-2-10A	16-2-10C	-	-
12	-	7-1-12C	-	-	7-2-12A	7-2-12C	7-2-12D	7-2-12S	16-2-12A	16-2-12C	16-2-12D	-
15	-	7-1-15C	-	-	-	-	-	7-2-15S	-	-	-	-
18	-	-	-	-	7-2-18A	7-2-18C	-	7-2-18S	16-2-18A	16-2-18C	16-2-18D	-
20	-	-	-	-	-	7-2-20C	-	-	-	-	-	-
25	-	7-1-25C	-	-	7-2-25A	7-2-25C	7-2-25D	7-2-25S	16-2-25A	16-2-25C	16-2-25D	-
36	-	7-1-36C	-	-	7-2-36A	7-2-36C	-	7-2-36S	16-2-36A	16-2-36C	-	-
50	-	-	-	-	7-2-50A	7-2-50C	-	-	-	16-2-50C	-	-
60	-	-	-	-	7-2-60A	7-2-60C	-	-	16-2-60A	-	-	-