

Def.Stan. Equipment Wire

85°C PVC equipment wire to DEF STAN 61-12 Part 6 and BS4808

Single core tinned annealed copper conductor, PVC insulated

Type	Size SQ.MM	Stranding-MM	Conductor Diameter MM	Insulation Thickness Minimum	Insulation Thickness Nominal MM	Overall Diameter Minimum MM	Overall Diameter Nominal MM	Weight KG/KM	Maximum Resistance OHMS/KM at 20°C D	Amperage at 70°C	Voltage AC/RMS V	Minimum Bending Temp °C
1	0.22	7/.20	0.60	0.15	0.2	0.95	1.05	2.66	88.0	1.4	750	-15
2	0.28	1/.60	0.60	0.25	0.3	1.1	1.3	3.65	64.1	1.8	1000	-15
2	0.22	7/.20	0.60	0.25	0.3	1.1	1.3	3.13	88.0	1.4	1000	-15
2	0.50	16/.20	0.93	0.25	0.3	1.45	1.65	6.11	38.2	3.0	1000	-15
2	0.75	24/.20	1.14	0.4	0.45	1.95	2.15	9.85	25.5	4.5	1000	-15
3	0.50	16/.20	0.93	0.5	0.6	2.0	2.25	8.92	38.2	3.0	1500	-20
3	0.75	24/.20	1.14	0.5	0.6	2.2	2.45	11.57	25.5	4.5	1500	-20
3	1.00	32/.20	1.32	0.5	0.6	2.4	2.65	14.60	19.1	6.0	1500	-20
3	2.00	63/.20	1.83	0.5	0.6	2.9	3.15	23.83	9.7	11.0	1500	-20

120°C low toxicity to DEF Stan 61-12 Part 18 Type 1

Single core, tinned annealed copper conductor, Part 18 Insulation.

Wire Size No	Size SQ.MM	Stranding MM	Conductor Diameter MM	Insulation Thickness Minimum MM	Insulation Thickness Nominal MM	Overall Diameter Minimum-MM	Overall Diameter Nominal MM	Weight KG/KM	Maximum Resistance OHMS/KM at 20°C D	Amperage at 70°C A	Voltage AC/RMS V	Minimum Bending Temp °C
24	0.20	19/.12	0.60	0.15	0.2	0.90	1.05	3.5	95.6	1.3	600	-50
22	0.33	19/.15	0.75	0.15	0.2	1.05	1.20	4.9	60.0	2.2	600	-50
20	0.59	19/.20	1.00	0.15	0.2	1.30	1.50	7.6	33.2	3.7	600	-50
18	0.93	19/.25	1.25	0.15	0.2	1.55	1.70	10.4	21.1	5.8	600	-50
16	1.34	19/.30	1.50	0.15	0.2	1.80	2.00	16.5	14.5	7.7	600	-50
12	2.50	37/.30	2.10	0.20	0.25	2.45	2.65	27.1	7.6	15.6	600	-50



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