

Def Stan 61-12 PART 6 Equipment Wire

Defence Standard Def Stan 61-12 Part 6 describes single-core, multi-stranded wires for use in high-intensity wiring within machinery and equipment enclosures. Single wires with robust PVC insulation, these hookup wires are commonly used in military and industrial applications.

There are 3 types of PVC available providing insulation at different voltages in multiple colour options and with choices of number and size of strands. Available in lengths of 100m, 500m, 1000m. And 5000m

These wires also conform to BS4808

Operating temperature:

Type 1 PVC max 750V AC -15°C to +85°C.

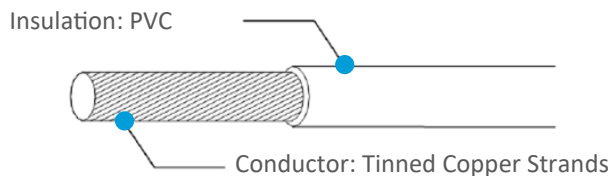
Type 2 PVC max 1000V AC -15°C to +85°C.

Type 3 PVC max 1500V AC -20°C to +85°C.

Standard Colour Options:

Black (0), Brown (1), Red (2), Orange (3), Yellow (4), Green (5), Blue (6), Violet (7), Grey (8), White (9), Pink (P) plus striped colour options

Physical Characteristics



Code	PVC Type	Conductor	Copper OD	Wall mm		Nominal OD	OD mm		Max working voltage
				Min.	Max		Min	Max	
1.8	1	1/0.6	0.60	0.15	0.20	1.00	0.95	1.05	750
1.4-S	1	7/0.2	0.59	0.15	0.20	1.00	0.95	1.05	750
1.8	2	1/0.6	0.60	0.25	0.30	1.20	1.10	1.30	1000
1.4-S	2	7/0.2	0.59	0.25	0.30	1.20	1.10	1.30	1000
3.0-S	2	16/0.2	0.88	0.25	0.30	1.55	1.45	1.65	1000
4.5-S	2	24/0.2	1.08	0.40	0.45	2.13	2.05	2.20	1000
3.0-S	3	16/0.2	0.88	0.50	0.60	2.13	2.00	2.25	1500
4.5-S	3	24/0.2	1.08	0.50	0.60	2.33	2.20	2.45	1500
6.0-S	3	32/0.2	1.25	0.50	0.60	2.53	2.40	2.65	1500

Ordering: Example DPS6-2-3.0-S-2-100M

PREFIX DPS6	PVC TYPE	CODE	COLOUR	LENGTH
DPS6	-2	-3.0-S	-2	-100M
<i>Translates to:</i>	Type 2 PVC	16/0.2 Conductors	Red	100m reel