

Heat Resisting PVC Insulated Panel Wires



▶ APPLICATION

These cables are intended for use in fixed installations such as power, lighting, appliances and switchgear & control panel wiring.

▶ HARMONISED CODE

- 0.5mm² to 1.0mm² wire CK
- 1.5mm² & 300mm² stranded conductor wire CK

▶ CONSTRUCTION

- Reference** : BS:6231
- Conductor** : Flexible plain copper class 5 to BSEN:60228/IEC:60228
(Tinned copper conductor available on request)
- Insulation** : PVC Type TI 3 to BSEN:50363-3

▶ STANDARD COLOURS

- Colour** : Red, Yellow, Blue, Black, Green, Yellow/Green
Grey, White, Orange, Brown, Violet, Pink, Turquoise
Other colours available on request

▶ PACKAGING

- Sizes 0.75mm² to 35mm² in reels/coils of 100yards and 100m
- All sizes can be supplied in non-returnable wooden drums of 500m and 1000m

▶ TECHNICAL DATA

- Max. Operating Temperature** : 90C/105C
- Rated Voltage** : 600/1000V
- Standards** : BS6231



Nominal Cross-Sectional Area (mm ²)	Conductor			Radial Thickness of Insulation (mm)	Max Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Approx. Current Carrying Capacity (A)	Product Code
	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)					
0.50	16	0.20	39.00	0.8	3.00	13	8	PW0.5
0.75	24	0.20	26.00	0.8	3.10	15	10	PW0.75
1.00	32	0.20	19.50	0.8	3.30	18	12	PW1.0
1.50	30	0.25	13.30	0.8	3.60	24	16	PW1.5
2.50	50	0.25	7.980	0.8	4.10	35	21	PW2.5
4.00	56	0.30	4.950	0.8	4.80	51	28	PW4.0
6.00	84	0.30	3.300	0.8	5.30	70	36	PW6.0
10.0	80	0.40	1.910	1.0	7.20	118	50	PW10.0
16.0	126	0.40	1.210	1.0	9.00	180	68	PW16.0
25.0	196	0.40	0.780	1.2	11.5	280	89	PW25.0
35.0	276	0.40	0.560	1.2	12.50	375	110	PW35.0
50.0	396	0.40	0.390	1.4	15.40	537	134	PW50.0
70.0	360	0.50	0.270	1.4	17.50	728	171	PW70.0
95.0	475	0.50	0.210	1.6	19.20	977	207	PW95.0
120.0	608	0.50	0.160	1.6	21.20	1215	239	PW120.0
150.0	750	0.50	0.124	1.8	23.90	1521	262	PW150.0
185.0	925	0.50	0.0991	2.0	25.90	1870	296	PW185.0
240.0	1221	0.50	0.0754	2.2	28.90	2410	346	PW240.0