

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

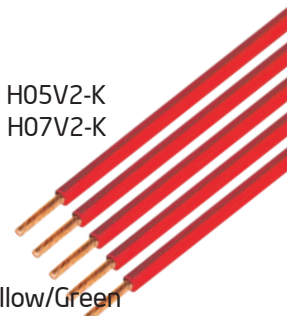
- 0.5mm² to 1.0mm² wire H05V2-K
 - 1.5mm² & 300mm² stranded conductor wire H07V2-K

Construction

Reference : 2491X HR
Conductor : Flexible plain copper class 5 to BS6360/IEC60228-1
 (Tinned copper conductor available on request)
Insulation : PVC Type TI 3 to BS7655

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

Application

Max. Operating Temperature : Upto 105°C
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	JPW 0.5
0.75	24	0.20	26.00	0.8	3.10	15	10	JPW 0.75
1.00	32	0.20	19.50	0.8	3.30	18	12	JPW 1.0
1.50	30	0.25	13.30	0.8	3.60	24	16	JPW1.5
2.50	50	0.25	7.980	0.8	4.10	35	21	JPW2.5
4.00	56	0.30	4.950	0.8	4.80	51	28	JPW 4.0
6.00	84	0.30	3.300	0.8	5.30	70	36	JPW 6.0
10.0	80	0.40	1.910	1.0	7.20	118	50	JPW 10.0
16.0	126	0.40	1.210	1.0	9.00	180	68	JPW 16.0
25.0	196	0.40	0.780	1.2	11.5	280	89	JPW 25.0
35.0	276	0.40	0.560	1.2	12.50	375	110	JPW 35.0
50.0	396	0.40	0.390	1.4	15.40	537	134	JPW 50.0
70.0	360	0.50	0.270	1.4	17.50	728	171	JPW 70.0
95.0	475	0.50	0.210	1.6	19.20	977	207	JPW 95.0
120.0	608	0.50	0.160	1.6	21.20	1215	239	JPW 120.0
150.0	750	0.50	0.124	1.8	23.90	1521	262	JPW150.0
185.0	925	0.50	0.0991	2.0	25.90	1870	296	JPW185.0
240.0	1221	0.50	0.0754	2.2	28.90	2410	346	JPW240.0

