

Product Specification

## PVC INSULATED FLEXIBLE CABLES

(For Switchgear and Controlgear wiring / d.c Power Cable)  
H07V-K & H05V-K

### CONSTRUCTION

- CONDUCTOR : Flexible Plain annealed copper conductor, Class 5  
 INSULATION : PVC compound, 70°C  
 COLOUR OF INSULATION : Red, Yellow, Blue, Black, Brown, Grey, Green / Yellow or Other Colours.



Cu / Pvc - 1 Core

Nominal cross-section area	Max wire diameter in conductor	Thickness of Insulation	Approx. overall diameter	Approx. net weight
sq.mm	mm	mm	mm	kg/km
<b>BS 6004 (H05V-K) / MS 2112-3</b>		<b>BS 6231</b>		
<b>300 / 500 V</b>		<b>600 / 1000 V</b>		
0.5	0.21	0.6/0.8*	2.2/2.6*	10/11*
0.75	0.21	0.6/0.8*	2.4/2.8*	12/14*
1.0	0.21	0.6/0.8*	2.5/2.9*	14/16*
<b>BS 6004 (H07V-K) / MS 2112-3</b>		<b>BS 6231</b>		
<b>450 / 750 V</b>		<b>600 / 1000 V</b>		
1.5	0.26	0.7/0.8*	3.0/3.2*	21/23*
2.5	0.26	0.8	3.6	34
4	0.31	0.8	4.2	51
6	0.31	0.8	4.9	74
10	0.41	1.0	6.2	122
16	0.41	1.0	7.7	190
25	0.41	1.2	9.5	294
35	0.41	1.2	10.9	404
50	0.41	1.4	13.1	583
70	0.51	1.4	15.2	813
95	0.51	1.6	17.7	1079
120	0.51	1.6	19.2	1346
150	0.51	1.8	21.6	1683
185	0.51	2.0	24.0	2063
240	0.51	2.2	27.4	2717

\* Value specified in BS 6231