

Flexible Single Core and Insulated PVC 90 °C (H07V2-K) 450-750 V

Application:

Wires are used to supply power for lighting and electric appliances for measuring, regulating and controlling, also suitable for internal wiring of electric motors and transformers.

Applicable Standards:

H07V2-K wires are designed and tested according to BS EN 50525-2-3, IEC 60227-3 and SASO 1319/1320-1997 standards. However, can also supply a range of alternative designs to meet customer-specified requirements. and SASO 1319/1320-1997 standards.

Specification:

Conductor

Flexible annealed copper conductor class 5 according to BS EN 60228 and IEC 60228.

Insulation:

Solid extruded PVC insulation with rating 90 °C at normal operation according to as per BS EN 50363-3 type T13 and IEC 60227- 1type PVC/E.

Flame retardancy:

Flexible wires have been tested and approved with the flame performance standards according to IEC 60332-1-2 and BS EN 60332-1.

Colours:

Colours are available in black, white, red, blue, green, yellow, yellow/ green, pink, violet, orange, brown and gray.

Packing:

Very modern packing available in standard length of 100 yards on coil (Other lengths available on request).

Marking:

6 mm² CU/PVC H07V2-K 450/750 V IEC 60227 /BS EN 50525



Technical Data:

Size	Max. Wire Diam.	Max. DC conductor Resistance.	Insulation Thickness	Nominal Outer Diameter	Approx.Net Weight	Current Carry Capacity at 30C ambient temperature		Ordering Information
						Ampere (Air)	Ampere (Conduit)	
(MM ²)	(MM)	(ohm/km at 20C °c)	(MM)	(MM)	(Kg/km)			Item Code
1.5	0.26	13.3	0.7	2.95	20.2	24	20	H07V2-K-01.5-90C
2.5	0.26	7.98	0.8	3.6	32.1	32	28	H07V2-K-02.5-90C
4	0.31	4.95	0.8	4.15	48	42	37	H07V2-K-04.0-90C
6	0.31	3.3	0.8	4.7	69	54	48	H07V2-K-06.0-90C
10	0.41	1.91	1	6.12	114.5	73	66	H07V2-K-10.0-90C
16	0.41	1.21	1	7.2	170	98	88	H07V2-K-16.0-90C
25	0.41	0.78	1.2	8.7	266	129	117	H07V2-K-25.0-90C
35	0.41	0.554	1.2	9.7	362.3	158	144	H07V2-K-35.0-90C
50	0.41	0.386	1.4	11.6	522.3	198	175	H07V2-K-50.0-90C
70	0.41	0.272	1.4	13.5	707.1	245	222	H07V2-K-70.0-90C