

Flexible Single Core and Insulated PVC 90 °C (H05V2-K) 300-500 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:

H05V2-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.

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 TI3 and IEC 60227-1type PVC/E.

Colors:

Standard H05V2-K colors are available in black, white, red, blue, green, yellow, yellow/green, pink, violet, orange, brown and gray.

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.

Packing:

Available in standard length of 100 yards on coil (Other lengths available on request).

Marking:

0.75 mm2 CU/PVC H05V2-K 300/500 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)	Item Code
0.5	0.21	39	0.6	2.1	9.0	10	7	H05V2-K-00.5-90C
0.75	0.21	26	0.6	2.3	12.1	13	10	H05V2-K-00.75-90C
1	0.21	19.5	0.6	2.5	15	17	14	H05V2-K-01.0-90C