

Stranded Single Core and Insulated PVC 90 °C (H07V2-R) 450-750 V

Application:

For indoor fixed installations in dry locations in switchboards and distributors. Should be installed in surface mounted or embedded conduits, or directly on suitably conduits, or directly on suitably insulated objects.

Applicable Standards:

H07V2-R wires are designed and tested according to the requirements of BS EN 50525-2-3, IEC 60227-3 and SASO 1319/1320-1997 standards.

Specification:

Stranded annealed copper conductor class 2 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 60227-1 type PVC/E.

Colors:

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

Flame retardancy:

Stranded 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:

25 mm² CU/PVC H07V2-R 450/750 V 90C IEC 60227 /BS EN 50525



Technical Data:

Size (MM ²)	Construction No. X Diam.	Max. DC conductor Resistance. (ohm/km at 20C °C)	Insulation Thickness (MM)	Nominal Outer Diameter (MM)	Approx.Net Weight (Kg/km)	Current Carry Capacity at 30C ambient temperature		Ordering Information Item Code
						Ampere (Air)	Ampere (Conduit)	
1.5	7 x 0.52	12.1	0.7	3	21	24	20	H07V2-R-01.5-70C
2.5	7 x 0.67	7.41	0.8	3.6	33.3	32	28	H07V2-R-02.5-70C
4	7 x 0.85	4.61	0.8	4.2	48	42	37	H07V2-R-04.0-70C
6	7 x 1.04	3.08	0.8	4.8	69	54	48	H07V2-R-06.0-70C
10	7 x 1.34	1.83	1	5.9	115	73	66	H07V2-R-10.0-70C
16	7 x 1.68	1.15	1	7	173	98	88	H07V2-R-16.0-70C
25	7 x 2.14	0.727	1.2	8.8	270	129	117	H07V2-R-25.0-70C
35	7 x 2.52	0.524	1.2	9.9	367	158	144	H07V2-R-35.0-70C
50	19 x 1.78	0.387	1.4	11.6	503	198	175	H07V2-R-50.0-70C