

Stranded Single Core Non-Sheathed Cable (H07V-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 insulated objects.

Applicable Standards:

H07V-R cables are designed and tested according to the requirements of BS EN 50525-2-31 and IEC 60227-3 standards.

Specification:

Solid annealed copper conductor class 2 according to BS EN 60228 and IEC 60228.

Insulation:

Solid extruded PVC insulation with rating 70 °C at normal operation according to BS EN 50363-3 type TT1 and IEC 60227-1 type PVC/C.

Colors:

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

Flame retardancy:

Solid 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)



Technical Data:

Size	Construction	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)	No. X Diam.	(ohm/km at 20C °C)	(MM)	(MM)	(Kg/km)			Item Code
1.5	7 x 0.52	12.1	0.7	3	21.2	17	14.5	H07V-R-01.5-70C
2.5	7 x 0.67	7.41	0.8	3.6	33.7	24	19	H07V-R-02.5-70C
4	7 x 0.85	4.61	0.8	4.2	49.8	31	24	H07V-R-04.0-70C
6	7 x 1.04	3.08	0.8	4.8	70.21	40	31	H07V-R-06.0-70C
10	7 x 1.34	1.83	1	5.9	116.3	57	43	H07V-R-10.0-70C
16	7 x 1.68	1.15	1	7	174.8	75	55	H07V-R-16.0-70C
25	7 x 2.14	0.727	1.2	8.8	271.83	102	81	H07V-R-25.0-70C
35	7 x 2.52	0.524	1.2	9.9	369.4	126	101	H07V-R-35.0-70C
50	19 x 1.78	0.387	1.4	11.6	504.5	152	122	H07V-R-50.0-70C