

Solid Single Core Non-Sheathed Cable (H07V-U) 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-U cables are designed and tested to meet or exceed the requirements of BS EN 50525-2-31 and IEC 60227-3 standards. However, can also supply a range of alternative designs to meet customer-specified requirements.

Specification:

Conductor

Solid annealed copper conductor class 1 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 TI1.

Color:

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	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
(MM2)	(MM)	(ohm/km at 20C °c)	(MM)	(MM)	(Kg/km)			
1.5	1.38	12.1	0.7	2.78	20	17	14.5	H07V-U-01.5-70C
2.5	1.78	7.41	0.8	3.38	31	24	19	H07V-U-02.5-70C
4	2.25	4.61	0.8	3.85	49	31	24	H07V-U-04.0-70C
6	2.76	3.08	0.8	4.36	67	40	31	H07V-U-06.0-70C
10	3.57	1.83	1	5.57	110	57	43	H07V-U-10.0-70C