

Application

This cable H07V-U is suitable for power and lighting circuits and building wiring. The cable is intended for use in semi-flush exposed conduits and embedded conduits as well as in closed installation ducts, and is ideal for the internal wiring of appliances.



CHARACTERISTICS

Voltage Rating U_0/U : 450/750V

Temperature Rating: -15°C to $+70^{\circ}\text{C}$

Minimum Bending Radius:

Up to 10mm^2 : 3 x overall diameter

10mm^2 to 25mm^2 : 4 x overall diameter

Above 25mm^2 : 5 x overall diameter

CONSTRUCTION

Conductor: Class 2 stranded copper conductor

Insulation: PVC (Polyvinyl Chloride)

Insulation Colour: Red, Black, Blue, Yellow, White, Green/Yellow, Grey, Brown

Note: 5mm^2 to 10mm^2 also available as H07V-U Class 1 solid copper conductor

TECHNICAL DATA

Product Code	Nominal Cross Section mm^2	Overall Dimensions mm	Approximate Net Weight kg/km	Max. Conductor Resistance Ω/km @ 20°C	Current Carrying Capacity in Air Amperes (A)
H05V-U 300/500V / 2491X					
BV0.5	0.5	1.9	9	36	-
BV0.75	0.75	2.1	11	24.5	16
BV1.0	1	2.2	14	18.1	20
H07V-U 450/750V / 6491X					
BV1.5	1.5	2.6	20	12.1	25
BV2.5	2.5	3.2	31	7.41	34
BV4.0	4	3.6	45	4.61	45
BV6.0	6	4.1	66	3.08	57
BV10	10	5.3	106	1.83	78

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