

Application

6491X Cable H07V-R 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

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					
BVR0.5	0.5	2	9	36	-
BVR0.75	0.75	2.2	11	24.4	16
BVR1.0	1	2.3	13	18.1	20
H07V-U 450/750V / 6491X					
BVR1.5	1.5	2.7	20	13.3	24
BVR2.5	2.5	3.3	30	7.98	32
BVR4.0	4	3.8	45	4.95	42
BVR6.0	6	4.3	66	3.30	54
BVR10	10	5.6	110	1.91	73
BVR16	16	6.4	170	1.21	98
BVR25	25	8.1	262	0.78	129

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