

H05V-U H07V-U



450/750 V PVC Insulated Non-sheathed Single Core Cables with Solid Conductors

Standards

IEC: 60227-3
BS: 6004

Construction

Conductor : Solid copper
Insulation : PVC

Application

In dry rooms, switch and distribution boards, for laying in conduit on and under plaster and on insulating supports above plaster.

Specifications

Max. Operating Temperature: 70°C
Short Circuit Temperature: Cross section < 300 sq mm 160 °C

Nominal Cross Section sq mm	Overall Diameter mm approx.	Weight kg/km approx.	Conductor DC Resistance at 20°C max. ohm/km	Current Carrying Capacity in Ground (A) Air (A)	
H05V-U 300/500 V					
0.5	2	9	36	-	-
0.75	2.2	11	24.5	-	16
1	2.4	14	18.1	11	19
H07V-U 450/750 V					
1.5	2.8	20	12.1	16	25
2.5	3.4	31	7.41	21	34
4	3.8	45	4.61	27	45
6	4.4	66	3.08	35	57
10	5.5	106	1.83	48	78