

HO7V-R Single Core Cables



450/750 V Insulated Single Core Cables with Copper Conductor

Standards

IEC: 60227-3
BS EN 50525 - 2 - 31

Construction

Conductor : Stranded copper
Insulation : PVC

Application

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

Specifications

Max. Operating Temperature: 70°C
Short Circuit Temperature: 160°C

Colour code

Red, yellow, Blue, Black, Green/Yellow

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)
1.5	3	20.6	12.1	16	25
2.5	3.6	31.5	7.41	21	34
4	4.12	46.6	4.61	27	45
6	4.75	66.3	3.08	35	57
10	6	109	1.83	48	78
16	7.1	166	1.15	65	104
25	8.4	264	0.727	88	137
35	9.6	354	0.524	110	168
50	11.2	475	0.387	140	210
70	12.6	682	0.268	175	260
95	15	931	0.193	210	310
120	17	1171	0.153	250	365