

H07V-R Earth Cable

Cu/PVC 450/750V



01 | APPLICATION:

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.

02 | CONSTRUCTION:

Conductor: Plain annealed stranded copper/IEC 60228, Class 2
Insulation: Polyvinyl Chloride (PVC)

Insulation color: ● Green/Yellow ● Black ● Blue ○ White
● Brown ● Grey or Others

03 | CHARACTERISTICS:

Rated voltage U_0/U : 450/750V
Test Voltage: 2.5kV for 5 minutes
Insulation resistance: 10 M Ω ·KM

04 | STANDARDS:

Flame-resistant test
acc. to EN 60332-1-2

DIMENSIONS

NOM. CROSS SECTION AREA mm ²	THICKNESS OF INSULATION mm	NOM. OVERALL DIAMETER mm	NOM. WEIGHT kg/km	RESISTANCE OF CONDUCTOR AT 20°C Ω/km
1.5	0.7	2.9	22	12.1
2.5	0.8	3.6	32	7.41
4	0.8	4.1	50	4.61
6	0.8	4.7	71	3.08
10	1.0	5.9	110	1.83
16	1.0	6.8	164	1.15
25	1.2	8.4	256	0.727
35	1.2	9.4	346	0.524
50	1.4	11.0	473	0.387
70	1.4	12.7	674	0.268
95	1.6	14.7	913	0.193
120	1.6	16.2	1150	0.153
150	1.8	18.1	1416	0.124
185	2.0	20.2	1749	0.0991
240	2.2	22.9	2317	0.0754
300	2.4	25.2	3049	0.0601
400	2.6	28.4	3657	0.0470
500	2.8	31.8	4700	0.0366
630	2.8	38.1	5890	0.0283