

## Building Wires

## PVC Insulated Wires

### H07V-R



#### Code

H07V-R , CU/PVC , NYA

#### Standards

TS EN 50525-2-31

VDE 0281, IEC 60227 , BS 6004 , HD 21.3.S3

#### Technical Data

Max Operating Temperature: 70 °C

Short Circuit Temperature: 160 °C ( max. 5 sec. )

Rated Voltage : 450/750V

#### Application

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

#### Construction

- 1.Stranded Copper Conductor.
- 2.PVC Insulation

Nomimal cross section mm <sup>2</sup>	Insulation Thickness mm	Overall diameter approx. mm	Net weight approx. kg/km	Standard delivery length m	Conductor DC resistance at 20 °c max. Ohm/km	Current carrying capacity 30°C	
						Conduit A	Air A

1,5	0,7	2,7	20,0	100	12,10	15	24
2,5	0,8	3,3	31,0	100	7,41	20	33
4,0	0,8	3,8	45,5	100	4,61	25	44
6,0	0,8	4,3	64,5	100	3,08	33	55
10	1,0	6,0	113,0	100	1,83	45	75
16	1,0	7,0	170,0	100	1,15	61	100
25	1,2	8,2	255,0	100	0,727	83	130
35	1,2	9,3	345,0	100	0,524	103	160
50	1,4	11,1	475,0	1.000	0,387	120	200
70	1,4	12,5	675,0	1.000	0,268	152	246
95	1,6	14,9	925,0	1.000	0,193	184	294
120	1,6	16,3	1150,0	1.000	0,153	212	345
150	1,8	18,3	1400,0	1.000	0,124	-	400
185	2,0	20,4	1780,0	1.000	0,0991	-	450
240	2,2	23,2	2,310,0	1.000	0,0754	-	540