

## CONSTRUCTION

- 1 Copper conductor (class 5)
- 2 PVC insulation



## SPECIFICATIONS

Code	: H05V-K   H07V-K	Application	:
Standards	: HD 21.3 VDE 0281-3   IEC 60227-3   BS 6004	Used in unsteady installations and equipment in conduit over and under plaster. Also should be used in dry and closed places.	
Rated Voltage	: U <sub>0</sub> /U=300/500 V - 450/750 V		



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant  
IEC 60332 -1-2



Flexible



Min. Bending Radius



RoHS

## PHYSICAL AND ELECTRICAL PROPERTIES

Nominal Cross-section	Overall diameter (approx.)	Net weight (approx.)	Delivery length	Conductor DC resistance at 20°C	Current carrying capacity	
					In conduit	In the wall
mm <sup>2</sup>	mm	kg/km	m	Ω / km (max.)	A (30°C)	A (30°C)
0.75	2.4	11	100	26	9	11
1	2.5	14	100	19.5	11	14
1.5	2.9	20	100	13.3	15	18
2.5	3.6	31	100	7.98	20	24
4	4.2	45	100	4.95	26	32
6	4.8	66	100	3.3	34	41
10	6.2	109	100	1.91	46	57
16	7.4	164	100	1.21	61	76
25	9.2	251	100	0.780	80	101
35	10.4	350	1000	0.554	99	125
50	12.4	500	1000	0.386	119	151
70	14.6	680	1000	0.272	151	192
95	16.6	900	1000	0.206	182	232
120	18.8	1150	1000	0.161	210	269
150	21.0	1420	1000	0.129	240	-
185	23.0	1720	1000	0.106	273	-
240	26.0	2350	1000	0.0801	320	-