

CONSTRUCTION

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



SPECIFICATIONS

Code : H05V-K I H07V-K

Standards : HD 21.3 S3

VDE 0281-3 I IEC 60227-3 I BS 6004

Rated Voltage : $U_0/U=300/500$ V - $450/750$ V

Application :

Used in unsteady installations and equipment in conduit over and under plaster. Also should be used in dry and closed places.



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 mm ²	Overall diameter approx. mm	Net weight approx. kg/km	Delivery length m	Conductor DC resistance at 20°C / km (max.)	Current carrying capacity	
					In conduit A (30°C)	In the wall 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	-