

**Code****H05V2-K , H07V2-K CU/PVC****Voltage Rating****300/500 V , 450/750 V****Standards****EN 50525-2-31 , VDE 0281 , IEC 60227 , BS 6004
IEC 60228****Conductor****Reaction to Fire Classification (CPR)****EN 60332-1-2****Flame Retardant****Conductor****Flexible Copper Conductor (Class 5)****Insulation****Heat Resistance PVC (Polyvinyl Chloride)****Filler****-****Armour****-****Sheath****-****Technical Data**

Max. Operating Temperature	:	90°C
Short Circuit Temperature	:	160°C (max.5 sec)
Bending Radius	:	6D (D : Overall Diameter)
Test Voltage	:	2 kV , 2,5 kV

Application**When its required high operating temperatures (90°C) and for house hold appliances. It used as surface mounted or flush mounted in stationary plants. Dry places, distribution boards and closed spaces, factories workshops and kind of work places.**

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
1x0,50*	2,1	8,1	100	39,0	-	12
1x0,75*	2,3	10,8	100	26,0	-	15
1x1*	2,4	13,8	100	19,5	11	19
1x1,5	2,9	20,6	100	13,3	14,5	24
1x2,5	3,5	32,6	100	7,98	19,5	32
1x4	4,0	46,9	100	4,95	26	42
1x6	4,6	67,3	100	3,30	34	54
1x10	5,9	110,9	100	1,91	46	73
1x16	6,9	164,6	100	1,21	61	98
1x25	8,6	271,4	1000	0,780	80	129
1x35	9,7	373,6	1000	0,554	99	158
1x50	11,5	523,5	1000	0,386	119	198
1x70	13,1	714,2	1000	0,272	151	245
1x95	15,2	949,3	1000	0,206	182	292
1x120	16,7	1169,5	1000	0,161	210	344
1x150	18,7	1462,4	1000	0,129	240	391
1x185	21,0	1871,9	1000	0,106	273	448
1x240	23,5	2348,4	1000	0,0801	320	528
1x300	26,2	2952,3	1000	0,0641	-	608
1x400	30,0	3994,7	1000	0,0486	-	726
1x500	34,1	5139,2	1000	0,0384	-	830

Note 1:

*** For H05V2-K cables**

Note 2:

Current carrying capacities are valid at 30°C ambient temperature