

# H05V-K, H07V-K

300/500 V. FOR H05V-K , 450/750 V. FOR H07V-K  
FLEXIBLE CONDUCTOR PVC INSULATED, SINGLE CORE



## APPLICATION

Building wiring, for installation on insulator or in raceway, dry and wet location.

TESTING VOLTAGE : 2,000 Volts For H05V-K  
2,500 Volts For H07V-K

## CABLE STRUCTURE

CONDUCTOR : Flexible Annealed Copper

CLASS 5 Size 0.5 - 35 mm<sup>2</sup>

INSULATION : Polyvinyl chloride

CORE IDENTIFICATION :

Single core, color as request

## CLASSIFICATION

Temperature range

: Flexing 5°C to 70°C

: Fixed installation -30°C to 70°C

Circuit Voltage does not exceed

300/500 Volts (U<sub>0</sub>/U) For H05V-K

Circuit Voltage does not exceed

450/750 Volts (U<sub>0</sub>/U) For H07V-K

## Technical Data

S.SUPER CABLE STANDARD

Nominal cross sectional area	Number of wires	Diameter of wires (approx.)	Nominal insulation thickness	Overall diameter (approx.)	Maximum conductor resistance at 20°C	Minimum insulation resistance at 70°C	Current rating in free air	Cable weight (approx.)	Standard packing
mm <sup>2</sup>	No.	mm	mm	mm	Ω/km	MΩ-km	A	kg/km	m
<b>H05V-K</b>									
0.5	16	0.21	0.6	2.2	39.0	0.013	11	9	100/C
0.75	24	0.21	0.6	2.4	26.0	0.011	14	12	100/C
1	32	0.21	0.6	2.6	19.5	0.010	16	15	100/C
<b>H07V-K</b>									
1.5	30	0.26	0.7	3.0	13.30	0.010	21	24	100/C
2.5	50	0.26	0.8	3.6	7.98	0.009	28	37	100/C
4	56	0.31	0.8	4.3	4.95	0.007	38	54	100/C
6	84	0.31	0.8	5.1	3.30	0.0060	48	75	100/C
10	80	0.41	1.0	6.7	1.91	0.0056	69	130	100/C
16	126	0.41	1.0	7.8	1.21	0.0046	92	185	100/C
25	196	0.41	1.2	9.9	0.780	0.0047	123	285	100/C
35	278	0.41	1.2	11.3	0.554	0.0038	154	400	100/C
50	396	0.41	1.4	13.2	0.386	0.0037	196	555	1,000/D
70	360	0.51	1.4	15.6	0.272	0.0032	247	765	1,000/D
95	476	0.51	1.6	17.9	0.206	0.0032	296	1,000	1,000/D
120	608	0.51	1.6	20.0	0.161	0.0029	350	1,300	1,000/D
150	756	0.51	1.8	22.0	0.129	0.0029	405	1,600	1,000/D
185	925	0.51	2.0	23.6	0.106	0.0029	461	1,900	1,000/D
240	1,221	0.51	2.2	27.8	0.0801	0.0028	554	2,500	1,000/D

Conductor Class : 5 Flexible

C : Packing in coil

D : Packing in drum

Core Color : Single core, color as request

การใช้งาน

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าของเดินสาย

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