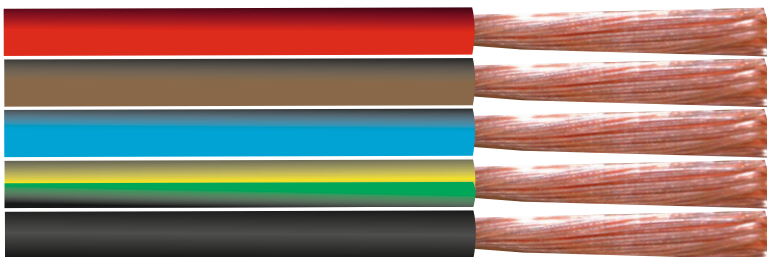


H05V-K, H07V-K

Flexible, PVC sheathed single core cables acc. to EN 50525-2-31



## Technical Data:

### Operating temperature:

Fixed installation: -40°C to 80°C

Min. installation temp.: -5°C

### Operating voltage:

for cross section  $\leq 1,0\text{mm}^2$   $U_0/U=300/500\text{V}$

for cross section  $\geq 1,5\text{mm}^2$   $U_0/U=450/750\text{V}$

### Test voltage:

for cross section  $\leq 1,0\text{mm}^2$  50Hz: 2000V

for cross section  $\geq 1,5\text{mm}^2$  50Hz: 2500V

**Insulation resistance:** 20M $\Omega$ xkm

### Min. bending radius:

$\varnothing \leq 8\text{mm}$ : 4x $\varnothing$

8mm <  $\varnothing \leq 12\text{mm}$ : 5x $\varnothing$

$\varnothing > 12\text{mm}$ : 6x $\varnothing$

## Construction:

**Conductors:** multi-stranded, bare copper conductors class 5 (as per PN-EN 60228, EN 60228, IEC 60228)

**Insulation:** special PVC

**Core identification:** colours acc. to the table

## Application:

Single core cables with PVC insulation for connections in devices, switchboards, lighting, etc.

Cables classified according to **PN-EN 50575 (CPR)**.

### H05V-K

**Packaging: box 100m, Operating voltage  $U_0/U=300/500\text{V}$**

Cat. no.	Cross section [mm <sup>2</sup> ]	Outer diameter [mm]	Approximate cable weight [kg/km]
IG2050_ _	0,5	2,2	9
IG2051_ _	0,75	2,4	12
IG2052_ _	1,0	2,5	14

BLACK	BLUE	RED	BROWN	GN/YL	WHITE	GREY	ORANGE	PINK	VIOLET	DK-BLUE	YELLOW	GREEN	TURQ.
03	06	05	09	13	10	02	04	43	08	44	11	07	45















## H05V-K, H07V-K

Flexible, PVC sheathed single core cables acc. to EN 50525-2-31

### H07V-K

Packaging: box 100m, Operating voltage  $U_0/U=450/750V$






Cat. no.	Cross section [mm <sup>2</sup> ]	Outer diameter [mm]	Approximate cable weight [kg/km]
IG2000_..	1,5	2,9	20
IG2001_..	2,5	3,6	31

													
BLACK	BLUE	RED	BROWN	GN/YL	WHITE	GREY	ORANGE	PINK	VIOLET	DK-BLUE	YELLOW	GREEN	TURQ.
03	06	05	09	13	10	02	04	43	08	44	11	07	45

### H07V-K

Packaging: box 100m, Operating voltage  $U_0/U=450/750V$






Cat. no.	Cross section [mm <sup>2</sup> ]	Outer diameter [mm]	Approximate cable weight [kg/km]
IG2002_..	4,0	4,0	45
IG2003_..	6,0	4,5	63

				
BLACK	BLUE	RED	BROWN	GN/YL
03	06	05	09	13

### H07V-K

Packaging: spool/drum (various lengths), Operating Voltage  $U_0/U=450/750V$

Cat. no.	Cross section [mm <sup>2</sup> ]	Outer diameter [mm]	Approximate cable weight [kg/km]
IG2004_..	10	5,9	105
IG2005_..	16	6,9	158
IG2006_..	25	8,7	245
IG2007_..	35	9,8	335
IG2008_..	50	11,8	485
IG2009_..	70	13,5	660
IG2010_..	95	15,8	880
IG2011_..	120	17,2	1090
IG2012_..	150	19,2	1360
IG2013_..	185	21,8	1655
IG2014_..	240	24,7	2180

				
BLACK	BLUE	RED	BROWN	GN/YL
03	06	05	09	13

Cable Factory BITNER reserves the right to modify the specifications without prior notice.

Note: On customer's request other colours of cores, two colours versions and different packaging can be made.

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