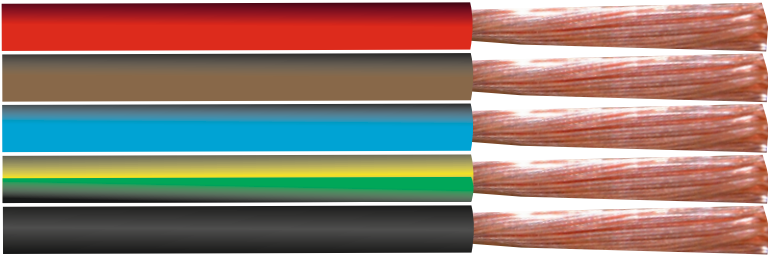




H05V-K, H07V-K
Flexible, PVC sheathed single core cables acc. to EN 50525-2-31



industrial
application



internal
application



high flexibility



EN 60332-1

Technical Data:

Operating temperature:

Fixed installation: -40°C to 80°C
Min. installation temp.: -5°C

Operating voltage:

for cross section ≤ 1,0mm² U₀/U=300/500V
for cross section ≥ 1,5mm² U₀/U=450/750V

Test voltage:

for cross section ≤ 1,0mm² 50Hz: 2000V
for cross section ≥ 1,5mm² 50Hz: 2500V

Insulation resistance: 20MΩxkm

Min. bending radius:

Ø≤8mm: 4xØ
8mm<Ø≤12mm: 5xØ
Ø>12mm: 6xØ

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 U₀/U=300/500V

Cat. no.	Cross section [mm ²]	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

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H07V-K
 Packaging: box 100m, Operating voltage U_i/U=450/750V

Cat. no.	Cross section [mm²]	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_i/U=450/750V

Cat. no.	Cross section [mm²]	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_i/U=450/750V

Cat. no.	Cross section [mm²]	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.