

**Single core PVC insulated non
sheathed cables for general purposes**

H05V-U / H07V-U

H05V-K / H07V-K

DIN VDE 0281-3, BS 6004, HD 21.3

CONSTRUCTION

Conductors:	annealed copper conductor acc. to EN 60228: class 1 solid H05V-U, H07V-U, class 5 flexible H05V-K, H07V-K
Insulation:	special PVC compound type T11
Colour of insulation	green/yellow, blue, black, brown or other colours

CHARACTERISTIC

Maximum conductor operating temperature:	+70 °C
Lowest ambient temperature for fixed installation:	-30 °C
Lowest installation temperature:	-5 °C
Maximum short - circuit conductor temperature:	+ 160 °C
Minimum bending radius:	4x cable diameter
Test voltage:	2000V

FIRE PERFORMANCE

Flame retardant:	IEC 60332-1-2
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APPLICATIONS

Fixed protected installation inside appliances and in, or on, lighting fittings. Suitable for installation in surface mounted or embedded conduits, only for signalling or control circuits.

Standard length cable packing	100 m in rings or on spools or in cardboard boxes. Other forms of packing and delivery are available on request
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Formation	Ø approx. conductor	Average insulation thickness	Max. external Ø	Max. electrical resistance at 20°C	Approx. cable weight	Current rating in pipe in air at 30°C
n° x mm²	mm	mm	mm	Ω/km	kg/km	A
1 x 0,5	0,9	0,6	2,5	39,0	9	3
1 x 0,75	1,1	0,6	2,7	26,0	11	6
1 x 1	1,3	0,6	2,8	19,5	14	10
1 x 1,5	1,5	0,7	3,4	13,3	20	16
1 x 2,5	2,0	0,8	4,1	7,98	31	20
1 x 4	2,5	0,8	4,8	4,95	45	25
1 x 6	3,0	0,8	5,3	3,30	65	36