



## H05V2-K, H07V2-K

PVC-insulated heat resistant conductor



<b>conductor material:</b>	bare copper fine wire stranded to DIN VDE 0295						
<b>insulation:</b>	PVC compound T13 to EN 5252-2-31 /DIN VDE 0285-525-2-31,						
<b>core colour:</b>	see colour list below, desired colour to be specified in purchase order! The following colours are recommended (only single colour): black, white, blue, grey, brown, red, orange, turquoise, violet and pink. Two-coloured combinations possible.						
<b>nominal voltage:</b>	<table border="1"> <thead> <tr> <th>H05V2-K</th> <th>H07V2-K</th> </tr> </thead> <tbody> <tr> <td>300/500 V</td> <td>450/750 V</td> </tr> <tr> <td>2000 V</td> <td>2500 V</td> </tr> </tbody> </table>	H05V2-K	H07V2-K	300/500 V	450/750 V	2000 V	2500 V
H05V2-K	H07V2-K						
300/500 V	450/750 V						
2000 V	2500 V						
<b>test voltage:</b>							
<b>minimum bending radius fixed:</b>	5 x cable $\varnothing$						
<b>temperature range, moved:</b>	-5 up to +90°C						
<b>temperature range, fixed:</b>	-40 up to +90°C						
<b>insulation resistance:</b>	min. 10 MOhm x km						
<b>radiation resistance:</b>	up to $80 \times 10^6$ cJ/kg (up to 80Mrad)						
<b>flame retardant:</b>	to IEC 60332-1						

**application:** Thermal insulated wires are ideal for use in power current installation, switch cabinets, motors and transformers which are subject to direct contact with high temperature exceeding 55°C (e.g. varnishing machines and drying towers etc.). These are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus.

sw = <b>black</b>	gr = <b>gray</b>
bl = <b>blue (RAL 5015)</b>	or = <b>orange</b>
dbl = <b>dark blue (RAL 5010)</b>	rs = <b>pink</b>
br = <b>brown</b>	rt = <b>red</b>
ge = <b>yellow</b>	tr = <b>transparent</b>
gg = <b>green-yellow</b>	vi = <b>violet</b>
gn = <b>green</b>	ws = <b>white</b>

The products and information presented here are for technical calculation only.  
They are subject to technical progress and in no way represent the ability of shipment.

Outer diameters are approximately.

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	CORE COLOUR	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
910005..2	H05V2-K 0,5	see colour list	2,2	4,8	8
910007..2	H05V2-K 0,75	see colour list	2,3	7,2	11
910010..2	H05V2-K 1,0	see colour list	2,5	9,6	14
910015..2	H07V2-K 1,50	see colour list	3,0	14,4	22
910025..2	H07V2-K 2,50	see colour list	3,6	24,0	31
910040..2	H07V2-K 4,0	see colour list	4,2	38,0	66
910060..2	H07V2-K 6,0	see colour list	4,8	58,0	112
910100..2	H07V2-K 10	see colour list	6,3	96,0	172
910160..2	H07V2-K 16	see colour list	7,6	154,0	268
910250..2	H07V2-K 25	see colour list	9,2	240,0	363
910350..2	H07V2-K 35	see colour list	10,2	336,0	510
910500..2	S07V2-K 50	see colour list	13,3	480,0	700
910700..2	S07V2-K 70	see colour list	14,5	672,0	960
910950..2	S07V2-K 95	see colour list	16,6	912,0	1295
911200..2	S07V2-K 120	see colour list	18,3	1152,0	1590
911500..2	S07V2-K 150	see colour list	21,3	1440,0	2085
911850..2	S07V2-K 185	see colour list	24,0	1776,0	2450
912400..2	S07V2-K 240	see colour list	27,5	2304,0	3160
913000..2	S07V2-K 300	see colour list	31,0	2880,0	3800