



<b>conductor material:</b>	bare Cu conductor, fine wire
<b>strand structure:</b>	to VDE 0295, class 5 / IEC 60228 class 5
<b>insulation:</b>	special PVC
<b>cores:</b>	black cores with printed consecutive white number coding green-yellow protective conductor (3cores and over) in the outer layer cores twisted in layers, with optimal lengths
<b>inner jacket:</b>	special PVC
<b>copper braided:</b>	tinned copper braided screening
<b>outer sheath:</b>	special PVC enhanced oil resistance
<b>sheath colour:</b>	grey RAL 7001

<b>rated voltage Uo/U:</b>	300/500 V
<b>test voltage:</b>	3000 V
<b>insulation resistance:</b>	at +20°C ≥ 20 MOhm x km
<b>bending radius:</b>	20 x cable diameter
<b>temperature range flexible:</b>	- 5°C to + 70°C
<b>temperature range fixed:</b>	- 40°C to + 70°C
<b>flame retardant:</b>	to IEC 60332-1

**application:** Power control cable with overall copper braided screening for fixed installation or flexible applications. Used as measuring, checking and control cable in machine tool manufacturing, plant engineering and on assembly lines and production lines. For unrestricted mobility without forced movement control and without exposure to tensile load. Used as energy or connecting cable in dry and moist rooms to meet stringent safety requirements; outdoor installation not permitted.

*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.*

## H05VVC4V5-K

*flexible, harmonized control cable with overall copper braided screening and oil-resistant outer sheath to HD 21 part 13 S1; preferred EMC compatible cable type*

KENEX PART NUMBER	NUMBER CORES X CROSS SECTION MM <sup>2</sup>	OUTER Ø APPROX. MM	COPPER WEIGHT KG/KM	CABLE WEIGHT KG/KM
2002050	H05VVC4V5-K 2 x 0,5 OZ	8,1	32	87
2003050	H05VVC4V5-K 3 G 0,5	8,6	42	100
2004050	H05VVC4V5-K 4 G 0,5	9,0	51	120
2005050	H05VVC4V5-K 5 G 0,5	10,3	60	140
2007050	H05VVC4V5-K 7 G 0,5	11,2	75	198
2012050	H05VVC4V5-K 12 G 0,5	13,6	136	268
2018050	H05VVC4V5-K 18 G 0,5	16,0	168	391
2025050	H05VVC4V5-K 25 G 0,5	19,1	250	543
2034050	H05VVC4V5-K 34 G 0,5	20,5	298	625
2050050	H05VVC4V5-K 50 G 0,5	25,3	470	885
2002075	H05VVC4V5-K 2 x 0,75 OZ	8,0	46	100
2003075	H05VVC4V5-K 3 G 0,75	9,1	51	113
2004075	H05VVC4V5-K 4 G 0,75	9,2	63	148
2005075	H05VVC4V5-K 5 G 0,75	10,6	79	170
2007075	H05VVC4V5-K 7 G 0,75	12,4	107	227
2012075	H05VVC4V5-K 12 G 0,75	14,4	162	310
2018075	H05VVC4V5-K 18 G 0,75	16,7	220	478
2025075	H05VVC4V5-K 25 G 0,75	19,8	278	620
2034075	H05VVC4V5-K 34 G 0,75	22,0	379	810
2050075	H05VVC4V5-K 50 G 0,75	27,1	535	1075
2061075	H05VVC4V5-K 61 G 0,75	29,8	689	1380
2002100	H05VVC4V5-K 2 x 1 OZ	9,1	46	108
2003100	H05VVC4V5-K 3 G 1	9,7	75	134
2004100	H05VVC4V5-K 4 G 1	10,4	86	167
2005100	H05VVC4V5-K 5 G 1	11,4	102	194
2007100	H05VVC4V5-K 7 G 1	13,0	127	256
2012100	H05VVC4V5-K 12 G 1	15,8	194	405
2018100	H05VVC4V5-K 18 G 1	18,0	265	588
2025100	H05VVC4V5-K 25 G 1	20,7	352	730
2034100	H05VVC4V5-K 34 G 1	22,5	491	945
2050100	H05VVC4V5-K 50 G 1	28,9	736	1270
2061100	H05VVC4V5-K 61 G 1	31,0	789	1490
2002150	H05VVC4V5-K 2 x 1,5 OZ	9,4	69	138
2003150	H05VVC4V5-K 3 G 1,5	9,7	95	166
2004150	H05VVC4V5-K 4 G 1,5	10,7	116	204
2005150	H05VVC4V5-K 5 G 1,5	12,9	130	236
2007150	H05VVC4V5-K 7 G 1,5	15,0	168	318
2012150	H05VVC4V5-K 12 G 1,5	17,2	255	490
2018150	H05VVC4V5-K 18 G 1,5	21,9	385	690
2025150	H05VVC4V5-K 25 G 1,5	24,8	514	940
2034150	H05VVC4V5-K 34 G 1,5	26,7	723	1180
2050150	H05VVC4V5-K 50 G 1,5	34,3	1025	1660
2061150	H05VVC4V5-K 61 G 1,5	36,1	1238	1900



## **H05VVC4V5-K**

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<b>KENEX PART NUMBER</b>	<b>NUMBER CORES X CROSS SECTION MM<sup>2</sup></b>	<b>OUTER Ø APPROX. MM</b>	<b>COPPER WEIGHT KG/KM</b>	<b>CABLE WEIGHT KG/KM</b>
2002250	H05VVC4V5-K 2 x 2,5 OZ	11,6	96	185
2003250	H05VVC4V5-K 3 G 2,5	12,2	148	230
2004250	H05VVC4V5-K 4 G 2,5	13,4	163	280
2005250	H05VVC4V5-K 5 G 2,5	14,9	200	330
2007250	H05VVC4V5-K 7 G 2,5	16,0	255	480
2012250	H05VVC4V5-K 12 G 2,5	20,8	409	730
2018250	H05VVC4V5-K 18 G 2,5	25,6	598	1050
2025250	H05VVC4V5-K 25 G 2,5	29,3	848	1390
2034250	H05VVC4V5-K 34 G 2,5	33,6	1153	1790