

Harmonised control cable H05VVC4V5-K acc. to VDE 0281-13



conductor material:	bare copper
conductor construction:	fine stranded, class 5
insulation:	PVC T12
inner sheath:	PVC
screen:	Cu-braid, tinned
screen coverage:	70 %
sheathing material:	PVC TM2
colour of outer sheath:	gray RAL 7001
flame retardant:	VDE 0482-332-1-2/IEC 60332-1
oil resistant:	EN 60811-2-1
maximum temperature at conductor:	70 °C
max. operating temperature, fixed:	-40 - +70 °C
temperature, moved/during installation:	-5 - +70 °C
bending radius, fixed installation:	6 x DA
bending radius, moved application:	20 x DA
transfer impedance:	250 Ohm/km
core identification:	gn-ye + numbers
nominal voltage U₀:	300 V
nominal voltage U:	500 V

Application: Flexible power, process control and instrumentation cable for industry and machinery environment with increased requirements to electromagnetic compatibility. The cable is resistant against most usual chemicals, oil and grease.



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.

table: technical data H05VVC4V5-K

p/n	part-name	DA [mm]	G [kg/km]	CU	p/n	part-name	DA [mm]	G [kg/km]	CU
033868	H05VVC4V5-K 02X0,5 GR	8,1	90	32	033976	H05VVC4V5-K 41G0,5 GR	23,1	770	349
033850	H05VVC4V5-K 03G0,5 GR	8,4	109	36	033977	H05VVC4V5-K 42G0,5 GR	23,1	720	349
033869	H05VVC4V5-K 04G0,5 GR	9,1	126	58	033978	H05VVC4V5-K 50G0,5 GR	25,1	966	470
033851	H05VVC4V5-K 05G0,5 GR	10,1	156	48	033979	H05VVC4V5-K 61G0,5 GR	26,8	1122	530
033870	H05VVC4V5-K 06G0,5 GR	10,7	176	58	033980	H05VVC4V5-K 65G0,5 GR	28,4	1198	563
033871	H05VVC4V5-K 07G0,5 GR	11,4	199	86	031453	H05VVC4V5-K 03G0,75 GR	9,1	125	55
033874	H05VVC4V5-K 08G0,5 GR	12,5	211	72	031454	H05VVC4V5-K 04G0,75 GR	10,3	150	67
033875	H05VVC4V5-K 09G0,5 GR	12,5	230	80	031455	H05VVC4V5-K 05G0,75 GR	11	180	79
033852	H05VVC4V5-K 12G0,5 GR	13,5	280	105	031456	H05VVC4V5-K 07G0,75 GR	12,4	230	109
033876	H05VVC4V5-K 14G0,5 GR	14,2	302	114	031457	H05VVC4V5-K 12G0,75 GR	15,2	310	184,5
033971	H05VVC4V5-K 18G0,5 GR	15,8	400	170	031458	H05VVC4V5-K 18G0,75 GR	18,2	470	257,3
033972	H05VVC4V5-K 25G0,5 GR	18,6	554	268	031459	H05VVC4V5-K 25G0,75 GR	21,5	640	318,6
033973	H05VVC4V5-K 27G0,5 GR	18,6	599	236	031460	H05VVC4V5-K 03G1 GR	9,6	140	75
033974	H05VVC4V5-K 34G0,5 GR	20,8	649	298	031461	H05VVC4V5-K 04G1 GR	10,7	170	86
033975	H05VVC4V5-K 36G0,5 GR	20,8	620	317	031462	H05VVC4V5-K 05G1 GR	11,4	200	102

table: technical data H05VVC4V5-K

p/n	part-name	DA [mm]	G [kg/km]	CU
031463	H05VVC4V5-K 07G1 GR	12,9	230	127
031464	H05VVC4V5-K 12G1 GR	16,9	410	198
031465	H05VVC4V5-K 18G1 GR	19,4	550	303,6
031466	H05VVC4V5-K 25G1 GR	22,8	735	411,9
034937	H05VVC4V5-K 34G1 GR	24,1	920	500
034968	H05VVC4V5-K 36G1 GR	23,8	1001	511
034969	H05VVC4V5-K 48G1 GR	23,8	1270	656
034955	H05VVC4V5-K 50G1 GR	28,9	1290	736
034956	H05VVC4V5-K 65G1 GR	32,4	1510	914
031467	H05VVC4V5-K 03G1,5 GR	10,7	180	95
031468	H05VVC4V5-K 04G1,5 GR	11,5	200	116
031469	H05VVC4V5-K 05G1,5 GR	12,1	235	130
031470	H05VVC4V5-K 07G1,5 GR	14,1	330	218
031471	H05VVC4V5-K 12G1,5 GR	18	470	309,7
031472	H05VVC4V5-K 18G1,5 GR	20,8	680	411,4

p/n	part-name	DA [mm]	G [kg/km]	CU
031473	H05VVC4V5-K 25G1,5 GR	25	930	546,5
031741	H05VVC4V5-K 34G1,5 GR	26,3	1353	754
031474	H05VVC4V5-K 03G2,5 GR	12	240	148
031475	H05VVC4V5-K 04G2,5 GR	13,1	290	163
031476	H05VVC4V5-K 05G2,5 GR	14,2	340	200
031477	H05VVC4V5-K 07G2,5 GR	16,3	465	288,9
034737	H05VVC4V5-K 12G2,5 GR	24,3	748	517
034738	H05VVC4V5-K 18G2,5 GR	25,6	1051	598
034739	H05VVC4V5-K 25G2,5 GR	29,3	1380	897
034668	(H)05VVC4V5-K 07G6 GR	28,4	1031	505
034885	(H)05VVC4V5-K 05G10 GR	24,6	927	604
034886	(H)05VVC4V5-K 05G16 GR	28,4	1626	1030
034887	(H)05VVC4V5-K 05G25 GR	35,1	1972	1420
034888	(H)05VVC4V5-K 05G35 GR	39,4	2780	2020

1