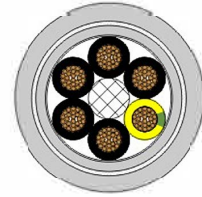


# H05VVC4V5-K

## Application

The product is suitable for power, electrical equipment control and connecting lines in fixed installation and no force, no fixed direction occasionally movement. Outdoor use with UV protection, can not be used in underground.



**Product structure diagram**

## Executive Standard

HAR HD21.13.S1 DIN VDE0281 T13.

## Technical parameters

Rated voltage	300/500V
Conductor	Copper adapted to DIN VDE 0295 class5 and IEC60228-5
Core identification	DIN VDE 0293 black cores with white number ≥3 cores: with yellow/green wire
Insulation	PVC
Inner sheath	PVC
Overall screen	85% coverage with tinned copper wire braid
Sheath	PVC, flame-resistant
Outer sheath color	Grey RAL7001
Temperature range	Flexing: -5°C ~ /70°C
	Fixed installation: -40°C ~ /70°C
Min bend radius	Flexing: 12.5 × Cable diameter
	Fixed installation: 6 × Cable diameter
Cable's self-extinguishing and flame retardant, test method according to IEC 60332	

## Specification range

Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002701	2x0,5	7,7	35,0	105,0
1002702	3G0,5	8,0	40,0	115,0
1002703	4G0,5	8,5	44,0	125,0
1002704	5G0,5	9,3	55,0	155,0
1002705	7G0,5	10,8	69,0	205,0
1002706	12G0,5	13,3	98,0	285,0
1002707	18G0,5	18,6	147,0	385,0
1002708	25G0,5	22,1	199,0	505,0
1002709	36G0,5	24,7	317,0	620,0
1002710	48G0,5	28,3	353,0	845,0
1002711	60G0,5	31,1	432,0	1045,0
1002712	2 x 0,75	8,0	39,0	115,0
1002713	3G0,75	8,3	47,0	125,0
1002714	4G0,75	9,1	58,0	155,0
1002715	5G0,75	9,7	66,0	175,0
1002716	7G0,75	11,5	84,0	250,0
1002717	12G0,75	13,9	125,0	330,0
1002718	18G0,75	19,9	200,0	475,0
1002719	25G0,75	23,7	273,0	625,0
1002720	36G0,75	26,2	358,0	889,0
1002721	48G0,75	30,4	490,0	1060,0
1002722	60G0,75	32,9	576,0	1265,0
1002723	2x1	8,2	44,0	125,0
1002724	3G1	8,8	54,0	145,0
1002725	4G1	9,4	68,0	170,0
1002726	5G1	10,3	78,0	200,0
1002727	7G1	12,2	107,0	275,0
1002728	12G1	14,7	176,0	400,0
1002729	18G1	20,8	243,0	525,0
1002730	25G1	24,7	351,0	723,0
1002731	36G1	27,6	438,0	910,0
1002732	48G1	31,9	604,0	1210,0
1002733	60G1	34,7	720,0	1455,0
1002734	2x1,5	9,3	58,0	160,0
1002735	3G1,5	9,7	73,0	185,0
1002736	4G1,5	10,7	93,0	220,0
1002737	5G1,5	11,8	106,0	265,0
1002738	7G1,5	14,1	162,0	395,0
1002739	12G1,5	16,7	243,0	525,0
1002740	18G1,5	24,1	338,0	720,0

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Item number	Nominal Cross-section area mm <sup>2</sup>	Reference Overall Diameter mm	Copper Weight kg/km	Cable Weight kg/km
1002741	25G1,5	28,6	494,0	990,0
1002742	36G1,5	32,5	662,0	1305,0
1002743	48G1,5	37,0	855,0	1665,0
1002744	60G1,5	39,9	1050,0	1990,0
1002745	2 x 2,5	10,7	82,0	215,0
1002746	3G2,5	11,3	106,0	250,0
1002747	4G2,5	12,6	135,0	305,0
1002748	5G2,5	13,9	181,0	385,0
1002749	7G2,5	16,5	238,0	525,0
1002750	12G2,5	19,9	367,0	745,0
1002751	18G2,5	28,5	555,0	1075,0
1002752	25G2,5	34,5	792,0	1440,0
1002753	36G2,5	38,5	1028,0	1850,0
1002754	48G2,5	43,7	1389,0	2390,0
1002755	60G2,5	47,2	1706,0	2870,0

