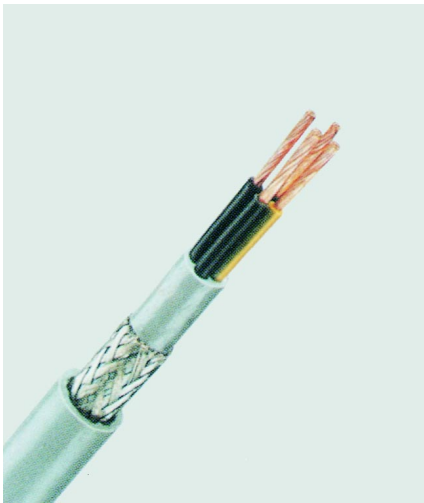


H05VVC4V5-K

PVC Control Cable with Copper Braiding, Oil Resistant

according to DIN VDE 0281-13



Construction

Fine-stranded bare copper conductors according to VDE 0295 class 5, core insulation of soft PVC, compound type YI2 according to VDE 0207 part 4, there is a green-yellow core in the outside layer, all the other cores are black with consecutive white numbers (starting with 1 inside), cores are stranded in layers with adjusted twisting (no central core), grey inner sheath of soft PVC, compound type YM2 according to VDE 0207 part 5, braiding of tinned copper wires, outer sheath of soft oil resistant PVC, compound type YM2 according to VDE 0207 part 5.

Application

Suitable for dry, damp and wet locations but not in the open-air. It is used as a screened termination and connection cable in the control, measuring and signal technology. The copper braiding optimises protection against external interferences, like electromagnetic fields and stray frequencies. Suitable as a signal and impulse cable for control and inspection of industrial plants, machinery and working processes.

Temperature range

In motion - 5°C till + 70°C
For fixed installation - 40°C till + 70°C

Number of cores and nominal cross section mm ²	Price EUR / km	Copper figure kg / km	Wire construction (approx. value) mm	Overall diameter ca. mm	Weight ca. kg / km
H05VVC4V5-K 300/500 V					
2 x 0,75 *	1.839,20	43	24 x 0,21	8,6	84
3 G 0,75	2.136,30	52	24 x 0,21	9,4	120
4 G 0,75	2.782,50	61	24 x 0,21	10,5	155
5 G 0,75	3.382,70	78	24 x 0,21	11,5	175
7 G 0,75	4.411,50	107	24 x 0,21	13,0	220
12 G 0,75	6.955,10	162	24 x 0,21	15,5	330
18 G 0,75	9.270,50	220	24 x 0,21	19,0	470
25 G 0,75	12.853,50	280	24 x 0,21	21,5	620
3 G 1	2.475,90	75	32 x 0,21	10,0	140
4 G 1	3.093,50	86	32 x 0,21	11,3	175
5 G 1	3.722,30	102	32 x 0,21	12,0	200
7 G 1	5.133,30	127	32 x 0,21	13,5	245
12 G 1	8.062,20	194	32 x 0,21	17,0	400
18 G 1	11.303,00	268	32 x 0,21	20,0	560
25 G 1	15.171,50	354	32 x 0,21	23,0	720
2 x 1,5 *	2.476,40	74	30 x 0,26	9,8	140
3 G 1,5	2.900,60	95	30 x 0,26	10,7	190
4 G 1,5	3.768,30	116	30 x 0,26	12,0	215
5 G 1,5	4.686,30	130	30 x 0,26	12,8	255
7 G 1,5	6.540,80	168	30 x 0,26	14,7	320
12 G 1,5	9.663,00	268	30 x 0,26	18,1	520
18 G 1,5	13.764,80	373	30 x 0,26	21,2	710
25 G 1,5	18.354,50	530	30 x 0,26	25,1	980
3 G 2,5	4.590,60	118	50 x 0,26	12,0	245
4 G 2,5	5.658,30	163	50 x 0,26	13,1	300
5 G 2,5	6.740,40	191	50 x 0,26	14,1	340
7 G 2,5	9.002,50	288	50 x 0,26	17,4	500
12 G 2,5	14.385,40	516	50 x 0,26	20,9	740
18 G 2,5	20.579,90	615	50 x 0,26	24,9	1055
25 G 2,5	26.410,60	897	50 x 0,26	29,2	1400

Also available with UL / CSA approbation.

* Adapted to VDE