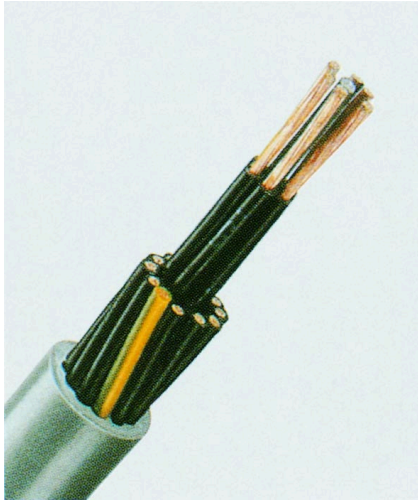


H05VV5-F

PVC Control Cable 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), outer sheath of soft oil resistant PVC, compound type YM2 according to VDE 0207 part 5, grey (RAL 7001).

Application

In dry and damp locations for low and medium-level mechanical stress, but not in the open-air. To be used as a termination and connection cable in the control, measuring and signal technology. Suitable as a signal and impulse cable for control and inspection of industrial plants, production lines and machinery.

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
H05VV5-F 300/500 V					
2 x 0,75 *	483,20	15,0	24 x 0,21	6,0	52
3 G 0,75	615,30	22,5	24 x 0,21	7,0	62
4 G 0,75	765,30	30,0	24 x 0,21	7,6	78
5 G 0,75	1.095,70	37,5	24 x 0,21	8,9	105
7 G 0,75	1.648,20	52,5	24 x 0,21	10,6	150
12 G 0,75	2.308,60	90,0	24 x 0,21	12,8	213
18 G 0,75	3.097,90	135,0	24 x 0,21	15,0	301
25 G 0,75	4.710,20	187,5	24 x 0,21	18,4	462
34 G 0,75	6.058,10	255,0	24 x 0,21	21,2	625
50 G 0,75	8.693,70	375,0	24 x 0,21	24,6	845
61 G 0,75	10.533,00	457,5	24 x 0,21	27,8	1030
2 x 1 *	616,40	20,0	32 x 0,21	6,2	63
3 G 1	720,40	30,0	32 x 0,21	7,3	74
4 G 1	879,80	40,0	32 x 0,21	8,1	90
5 G 1	1.273,00	50,0	32 x 0,21	9,2	120
7 G 1	1.966,30	70,0	32 x 0,21	10,9	170
12 G 1	2.668,90	120,0	32 x 0,21	13,4	260
18 G 1	3.989,80	180,0	32 x 0,21	16,2	390
25 G 1	5.541,50	250,0	32 x 0,21	19,9	540
34 G 1	7.036,90	340,0	32 x 0,21	22,1	690
50 G 1	10.101,60	500,0	32 x 0,21	26,6	980
61 G 1	12.323,20	610,0	32 x 0,21	29,0	1160

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
H05VV5-F 300/500 V					
2 x 1,5 *	716,70	30	30 x 0,26	7,4	84
3 G 1,5	876,40	45	30 x 0,26	8,3	95
4 G 1,5	1.140,60	60	30 x 0,26	9,5	125
5 G 1,5	1.513,10	75	30 x 0,26	10,5	150
7 G 1,5	2.284,50	105	30 x 0,26	12,9	225
12 G 1,5	3.386,40	180	30 x 0,26	15,3	330
18 G 1,5	4.866,10	270	30 x 0,26	18,5	495
25 G 1,5	7.802,30	375	30 x 0,26	22,7	700
34 G 1,5	8.345,50	510	30 x 0,26	25,3	885
50 G 1,5	12.170,30	750	30 x 0,26	30,3	1270
61 G 1,5	15.057,00	915	30 x 0,26	33,3	1485
3 G 2,5	1.443,80	75	50 x 0,26	9,8	145
4 G 2,5	1.836,90	100	50 x 0,26	11,1	195
5 G 2,5	2.206,50	125	50 x 0,26	12,2	240
7 G 2,5	3.395,20	175	50 x 0,26	14,6	330
12 G 2,5	4.791,10	300	50 x 0,26	18,0	520
18 G 2,5	7.448,00	450	50 x 0,26	21,6	785
25 G 2,5	9.891,50	625	50 x 0,26	26,5	1070
4 G 4 *	3.052,80	160	56 x 0,31	11,6	280
5 G 4 *	3.701,50	200	56 x 0,31	14,1	340
7 G 4 *	4.568,70	280	56 x 0,31	15,1	445
4 G 6 *	4.343,50	240	84 x 0,31	16,8	450
5 G 6 *	4.791,10	300	84 x 0,31	18,4	550
7 G 6 *	6.052,00	420	84 x 0,31	20,5	715

Also available with UL / CSA approbation.

* Adapted to VDE