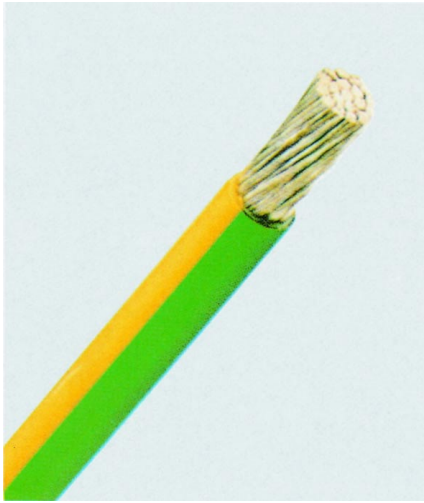


H05Z-K H07Z-K

Halogen-Free Single Core Wire

according to DIN VDE 0282-9



Construction

fine-stranded bare or tinned copper conductor, insulated with cross-linked polyolefin-copolymerisate (HI3), flame retardant and halogen-free, polymer compound according to VDE 207, part 23 HI 1.

Application

This wire is well suited for internal wiring in switchboards, appliances, lighting fittings as well as for house installations, but not for outdoors.

Temperature range

- 20°C till + 90°C

Admissible conductor temperature + 90°C

Nominal cross section	Colours	Price	Copper figure	Conductor construction (approx. value)	Overall diameter	Weight	Calorific potential
mm ²		EUR / km	kg / km	mm	ca. mm	ca. kg / km	kWh/m
H05Z-K 300/500 V							
0,5	bla/br/blu gy/gr	357,97 393,68	5,0 5,0	16 x 0,21 16 x 0,21	2,4 2,4	9 9	0,23 0,23
0,75	bla/br/blu gy/gr	389,54 428,48	7,5 7,5	24 x 0,21 24 x 0,21	2,6 2,6	11 11	0,26 0,26
1	bla/br/blu gy/gr	415,89 457,40	10,0 10,0	32 x 0,21 32 x 0,21	2,8 2,8	14 14	0,29 0,29
H07Z-K 450/750 V							
1,5	bla/br/blu gy/rd/gr	455,33 500,90	15,0 15,0	30 x 0,26 30 x 0,26	3,3 3,3	20 20	0,40 0,40
2,5	bla/br/blu gy/gr	632,16 695,46	25,0 25,0	50 x 0,26 50 x 0,26	3,8 3,8	30 30	0,49 0,49
4	bla/br/blu gy/gr	881,24 969,49	40,0 40,0	56 x 0,31 56 x 0,31	4,6 4,6	45 45	0,59 0,59
6	bla/br/blu gy/gr	1.149,88 1.264,89	60,0 60,0	84 x 0,31 84 x 0,31	5,2 5,2	65 65	0,71 0,71
10	bla/br/blu gy/gr	1.637,69 1.801,51	100,0 100,0	80 x 0,41 80 x 0,41	6,2 6,2	110 110	0,89 0,89
16	bla/br/blu gy/gr	2.049,35 2.254,35	160,0 160,0	128 x 0,41 128 x 0,41	7,1 7,1	170 170	1,20 1,20
25	bla gy	3.172,47 3.479,71	250,0	200 x 0,41	10,0	260	1,80
35	bla	3.913,01	350,0	280 x 0,41	11,9	360	2,20
50	bla gy	5.285,87 5.814,40	500,0	400 x 0,41	13,7	510	2,90
70	bla	7.178,61	700,0	356 x 0,51	16,4	710	3,70
95	bla	9.145,60	950,0	485 x 0,51	19,2	915	4,30

Other dimensions and colours on request.