

EUROPEAN STANDARDIZED CABLES



H05Z-K Harmonized halogen-free hook-up wire
H07Z-K 300/500 volts and 450/750 volts

HAR CE

H07Z-K 1X16 450/750V CE RoHS

H05Z-K & H07Z-K are a halogen-free, <HAR> approved hook-up wires. They also have very good low emission of smoke and corrosive gases. With a class 5 stranding, they are flexible for easier wiring.

Construction:

Conductor:	class 5 annealed bare copper conductor acc. to EN 60228
Insulation:	special thermosetting low smoke zero halogen compound type EI5 acc. to EN 50363-5
H05Z-K:	HAR/CE from 20 AWG - 18 AWG
H07Z-K:	HAR/CE from 16 AWG - 6 AWG
Color:	see color code chart*

Outstanding features:

- flexing single conductor
- harmonized acc. to European standards
- halogen-free, low smoke and low corrosive gases

Technical data:

Nominal voltage H05Z-K:	DIN VDE U _o /U 300/500 V
Nominal voltage H07Z-K:	DIN VDE U _o /U 450/750 V
Testing voltage H05Z-K:	2500 V
Testing voltage H07Z-K:	2500 V
Min. bending radius	4 x O.D.(≤8mm), 5 x O.D. (≤12mm), 6 x O.D. (>12mm)
Temperature range	
<i>static:</i>	-40/+90°C
<i>flexible:</i>	+5/+90°C
Burning characteristics:	flame retardant and self-extinguishing acc. to EN 60332-1-2/
Corrosivity:	EN 50267-2.2/ VDE 0482-267-2-2 HD 22.1/ VDE 0282-1
Smoke density:	EN 61034-2
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

H05Z-K - HAR / CE

item no.	mm ²	AWG	nominal inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 3186 .. 50*	0.50	20 (≈ 16/32)	0.102	2.6	6
▶ 3186 .. 80*	1.00	18 (≈ 30/32)	0.114	2.9	7

Other colors are possible on request.

H07Z-K - HAR / CE

item no.	mm ²	AWG	nominal inch	outer-ø mm	cable weight ≈ lbs/mft
▶ 3187 .. 82*	1.50	16 (≈ 27/30)	0.138	3.5	13
▶ 3187 .. 84*	2.50	14 (≈ 46/30)	0.169	4.3	21
▶ 3187 .. 86*	4.00	12 (≈ 52/28)	0.193	4.9	30
▶ 3187 .. 87*	6.00	10 (≈ 78/28)	0.217	5.5	44
▶ 3187 .. 88*	10.00	8 (≈ 77/26)	0.280	7.1	74
▶ 3187 .. 89*	16.00	6 (≈ 122/26)	0.331	8.4	114
▶ 3187 .. 90*	25.00	4 (≈ 190/26)	0.417	10.6	195
▶ 3187 .. 91*	35.00	2 (≈ 272/26)	0.476	12.1	255
▶ 3187 .. 92*	50.00	1 (≈ 400/26)	0.567	14.4	355
▶ 3187 .. 93*	70.00	2/0 (≈ 353/26)	0.654	16.6	503
▶ 3187 .. 94*	95.00	3/0 (≈ 484/24)	0.740	18.8	671
▶ 3187 .. 95*	120.00	4/0 (≈ 589/24)	0.768	19.5	846

Other colors are possible on request.

* Color code for single conductors:

01 = black	08 = white
02 = blue	09 = orange
03 = brown	11 = red
04 = gray	17 = pink
07 = violet	27 = green-yellow