

## H07G-K (110°) Rubber Insulated Single Core Wire with Increased Heat-Resistance

**Application:** This wire is well suited for internal wiring in lamps, instruments, control panels and distributors in dry locations. It should be installed in surface mounted or embedded conduits.



**Construction:** 1 ..... fine-stranded tinned or bare copper  
2 ..... core insulation of a heat resistant rubber compound

**Standards:** adapted DIN VDE 0282 Part 7  
HD 22.7 S2:1995 + A1 :1999+A2:2004  
DIN EN 60228 Class 5 (construction)

**Technical data:**

Nominal voltage U <sub>0</sub> /U		[V]	450 / 750 Volt
Test voltage		[V] <sub>ac</sub>	2500
Temperature range	in motion		-25°C till +110°C
Operating temperature	short circuit	°C	260
Short circuit time	max.	[sec]	5
Bending radius	min.	x diameter	7
Flammability	standard		EN 60332-1-2

Nominal cross section	Colours	Copper figure	Cond. construction (appr. value)	Overall diameter	Weight
mm <sup>2</sup>		kg/km	mm	mm	appr. kg/km
1,5	bk	14,4	30 x 0,26	3,4	25
2,5	bk	24,0	50 x 0,26	4,0	40
4	bk	38,4	56 x 0,31	5,0	60
6	bk	57,6	84 x 0,31	5,5	80
10	bk	96,0	80 x 0,41	7,0	125
16	bk	153,6	126 x 0,41	8,0	190
25	bk	240,0	196 x 0,41	10,0	292
35	bk	336,0	276 x 0,41	11,5	420