

# Heat resistant wire H07G-K



**Application:** For installation in pipes on, in and under plaster as well as in closed cable ducts and for internal wiring of devices, switching and distribution system with ambient temperatures over 55 °C.

## Construction and technical data:

<b>Standard:</b>	DIN EN 50525-2-42 (VDE 0285-525-2-42)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	rubber EI3
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Max. temperature at conductor, °C:</b>	110 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +110 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-25 - +110 °C
<b>Bending radius, fixed installation:</b>	7 x Ø



*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

## H07G-K

<b>Nominal voltage U<sub>0</sub>:</b>	450 V
<b>Nominal voltage U:</b>	750 V
<b>Test voltage:</b>	2.5 kV

part no.	part name	RI [Ohm/km]	I <sub>bl</sub> [A]	Ø [mm]	Cu	G [kg]
040346	1X1.5 BK	13.3	24	3.3	14.4	21
040345	1X2.5 BK	7.98	32	3.9	24	32
040894	1X6 BK	3.3	54	6	58	78
040378	1X25 BK	0.78	73	9.9	240	270

RI	Conductor resistance
I <sub>bl</sub>	Ampacity in air (30 °C)
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000