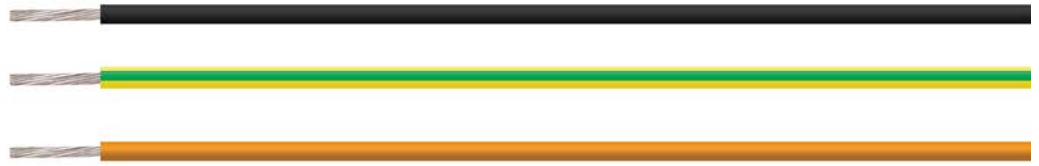


# H05G-K

Rubber single core, finely stranded, tinned wire



## TECHNICAL DATA

Rubber single core acc. to DIN VDE 0285-525-2-42 / DIN EN 50525-2-42

Temperature range	flexible -5°C fixed -40°C
Permissible operating temperature of the conductor	+110°C
Nominal voltage	AC U <sub>0</sub> /U 300/500 V
Test voltage	2000 V
Minimum bending radius	fixed 4x Outer-Ø

- Copper wire tinned, finely stranded acc. to DIN VDE 0295 Class 5 / IEC 60228 Class 5
- Foil wrapping around conductor permissible
- Core insulation: rubber (EVA) acc. to DIN VDE 0207-363-1 / DIN EN 50363-1 (compound type EI3)
- Core identification: see table

## APPLICATION

Used for internal wiring of devices and equipment. Must not come into contact with water.

## NOTES

- the conductor is metrically (mm<sup>2</sup>) constructed, AWG numbers are approximated, and are for reference only

## CABLE STRUCTURE

Cross-sec. mm <sup>2</sup>	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.	black	green-yellow	blue	brown	white	grey	violet	orange
					Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
0.5	20	2.1 - 2.6	4.8	13.0	<b>55001</b>	<b>55011</b>	<b>55002</b>	<b>55003</b>	<b>55008</b>	<b>55004</b>	<b>55009</b>	<b>55005</b>
0.75	19	2.2 - 2.8	7.2	16.0	<b>55101</b>	<b>55111</b>	<b>55102</b>	<b>55103</b>	<b>55108</b>	<b>55104</b>	<b>55109</b>	<b>55105</b>
1	18	2.4 - 2.9	9.6	22.0	<b>55201</b>	<b>55211</b>	<b>55202</b>	<b>55203</b>	<b>55208</b>	<b>55204</b>	<b>55209</b>	<b>55205</b>

Cross-sec. mm <sup>2</sup>	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	Weight kg/km, approx.	green	pink	yellow	turquoise
					Part no.	Part no.	Part no.	Part no.
0.5	20	2.1 - 2.6	4.8	13.0	<b>55000</b>	<b>55006</b>	<b>55010</b>	<b>55007</b>
0.75	19	2.2 - 2.8	7.2	16.0	<b>55100</b>	<b>55106</b>	<b>55110</b>	<b>55107</b>
1	18	2.4 - 2.9	9.6	22.0	<b>55200</b>	<b>55206</b>	<b>55210</b>	<b>55207</b>