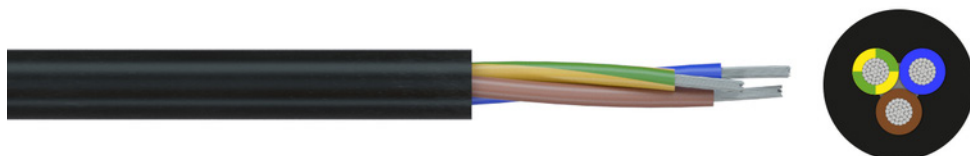


# Silicone insulated cord

## H05SS-F



**Application:** For connection of mobile electrical appliances with low mechanical stress at increased ambient temperatures, for example in steelworks or sauna, but also at low temperatures. Insulation and sheath are resistant to most oils, greases, acids, lyes and oxidants. For fixed installation in mechanically protected conduits. For indoor and outdoor use. The sheath has enhanced performance in terms of tearing, breaking and notch strength (EWKF).

### Construction and technical data:

<b>Standard:</b>	DIN EN 50525-2-83 (VDE 0285-525-2-83)
<b>Conductor material:</b>	tinned copper
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	silicone rubber
<b>Sheathing material:</b>	silicone rubber
<b>Colour of outer sheath:</b>	black
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>Halogen-free:</b>	yes
<b>UV-resistant:</b>	yes
<b>Oil-resistant:</b>	yes
<b>For outdoor use:</b>	yes
<b>Max. temperature at conductor, °C:</b>	180 °C
<b>Permitted outer cable temperature, fixed, °C:</b>	-60 - +180 °C
<b>Bending radius, fixed installation:</b>	4 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.*

### H05SS-F

<b>Nominal voltage U<sub>0</sub>:</b>	300 V
<b>Nominal voltage U:</b>	500 V
<b>Core identification:</b>	colours acc. to VDE 0293 (HD308)

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
033448	02X0.75	26.7	7.4	14.4	57

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
033449	03G0.75	26.7	7.2	22	71
033450	04G0.75	26.7	7.8	29	90
033451	05G0.75	26.7	9.9	36	109
033452	02X1	20	8	19.2	67
033453	03G1	20	8.5	29	84
033454	04G1	20	9.3	38.4	101
033455	05G1	20	10.3	48	125
037198	07G1 (with reference to)	20	9.5	67.2	185
033456	02X1.5	13.7	10.8	29	90
032873	03G1.5	13.7	9.1	43.2	114
037104	04X1.5	13.7	12.6	58	137
033457	04G1.5	13.7	12.6	58	137
033458	05G1.5	13.7	13.7	72	163
035525	07G1.5 (with reference to)	13.7	11.2	101	187
037192	12G1.5 (with reference to)	13.7	14	173	332
033459	02X2.5	8.21	12.6	48	149
032878	03G2.5	8.21	13.4	72	169
033460	04G2.5	8.21	14.8	96	209
033461	05G2.5	8.21	16.3	120	255

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000