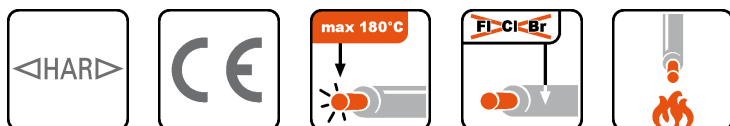


# Silicone insulated cords H05SS-F acc. to VDE 0282-15

<b>conductor material:</b>	tinned copper
<b>conductor construction:</b>	fine stranded, class 5
<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
<b>maximum temperature at conductor:</b>	180 °C
<b>max. operating temperature, fixed:</b>	-60- +180 °C
<b>bending radius, fixed installation:</b>	4 x DA
<b>bending radius, moved application:</b>	7,5 x DA
<b>core identification:</b>	colours acc. VDE 0293 (HD308)
<b>nominal voltage U:</b>	500 V
<b>nominal voltage U<sub>0</sub>:</b>	300 V
<b>protective conductor:</b>	yes

**Application:** For connection of mobile electrical appliances without mechanical stress at increased environmental temperatures, for example in steel-works, but also at low temperatures. Insulation and sheath are resistant against most oils, acids, lyes and oxydants. For fixed installation in mechanical protected conduits. For indoor and outdoor use. The EWKF-version has improved performance in terms of tearing, breaking and notch strength.



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.

table: technical data H05SS-F

p/n	part-name	DA [mm]	G [kg/km]	CU
033448	H05SS-F 02X0,75 EWKF SW	7,4	57	14,4
033449	H05SS-F 03G0,75 EWKF SW	8,1	71	22
033450	H05SS-F 04G0,75 EWKF SW	8,8	90	29
033451	H05SS-F 05G0,75 EWKF SW	9,9	109	36
033452	H05SS-F 02X1 EWKF SW	8	67	19,2
033453	H05SS-F 03G1 SW	8,5	84	29
033454	H05SS-F 04G1 EWKF SW	9,3	101	38,4
033455	H05SS-F 05G1 EWKF SW	10,3	125	48
033456	H05SS-F 02X1,5 SW	10,8	90	29
032873	H05SS-F 03G1,5 SW	11,4	114	43,2

p/n	part-name	DA [mm]	G [kg/km]	CU
033457	H05SS-F 04G1,5 SW	12,6	137	58
033458	H05SS-F 05G1,5 SW	13,7	163	72
033459	H05SS-F 02X2,5 EWKF SW	12,6	149	48
032878	H05SS-F 03G2,5 SW	13,4	169	72
033460	H05SS-F 04G2,5 EWKF SW	14,8	209	96
033461	H05SS-F 05G2,5 EWKF SW	16,3	255	120
033462	H05SS-F 03G4 EWKF SW	15,5	252	115,2
033463	H05SS-F 04G4 SW	17,2	331	154
033464	H05SS-F 03G6 EWKF SW	17,3	375	173
033465	H05SS-F 04G6 EWKF SW	19,1	488	230,4