

H05SS-F Silicone Technical Data Sheet

Working Voltage	Test Voltage	Temperature Range
300/500V	2000V	-50 to 180°C



Conductor:	Class 5 flexible tinned copper to EN 60228
Insulation:	Silicone Rubber
Outer sheath:	Silicone Rubber
Standards:	Harmonised approved <HAR> to EN 50525-2-83. Flexibility test to EN 50396 Tested for resistance to vertical flame propagation to EN 60332-1-2 Absence of halogens to EN 50267-2-1 Low degree of acidity to EN 50267-2-2 Low emission of toxic smokes and gases to EN 61034-2
Application:	A harmonised approved cable suitable for high temperature applications including lighting and refrigeration. As a by-product the silicone compound is also Low Smoke Zero Halogen.

Size (mm)	Composition (No x Ø mm)	Diameter (mm x 1)	Ins. Thickness (mm)	Sheath Thickness (mm)	External Ø +/- 0.2mm (mm)	Resist. Max @ 20°C (Ohm/km)	Amp rating @ 20°C ambient temp	Weight (kg/km)
2x0.75	24x0.20	1.20	0.60	0.90	6.60	26.00	15.00	58.00
2x1.0	32x0.20	1.30	0.60	0.90	7.10	19.50	17.00	67.00
2x1.5	30x0.25	1.60	0.80	1.00	8.40	13.30	23.00	110.00
2x2.5	50x0.25	2.00	0.90	1.10	9.80	7.98	33.00	150.00
3x0.75	24x0.20	1.20	0.60	0.90	7.00	26.00	15.00	75.00
3x1.0	32x0.20	1.30	0.60	0.90	7.20	19.50	17.00	85.00
3x1.5	30x0.25	1.60	0.80	1.00	8.90	13.30	23.00	140.00
3x2.5	50x0.25	2.00	0.90	1.10	10.40	7.98	33.00	185.00
4x0.75	24x0.20	1.20	0.60	0.90	7.60	26.00	15.00	90.00
4x1.0	32x0.20	1.30	0.60	0.90	7.80	19.50	17.00	100.00
4x1.5	30x0.25	1.60	0.80	1.10	9.90	13.30	23.00	165.00
4x2.5	50x0.25	2.00	0.90	1.20	11.60	7.98	33.0	230.00
5x0.75	24x0.20	1.20	0.60	1.00	8.50	26.00	15.00	110.00
5x1.0	32x0.20	1.30	0.60	1.00	8.80	19.50	17.00	130.00
5x1.5	30x0.25	1.60	0.80	1.10	10.90	13.30	23.00	190.00
5x2.5	50x0.25	2.00	0.90	1.30	12.90	7.98	33.00	290.00