

# HSM Wire International, Inc.

Ultra Fine Stainless Steel

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[www.hsmwire.com](http://www.hsmwire.com)

## Stainless Steel Resistance Ohms/ft.

<b>AWG Size</b>	<b>Nominal Inch</b>	<b>MM Size</b>	<b>DCR Results Ohms / ft.</b>
33	0.0071	0.180	8.688752
34	0.0063	0.160	11.30553
35	0.0056	0.140	13.96684
36	0.0050	0.125	17.52
37	0.0045	0.112	21.62963
38	0.0040	0.100	27.375
39	0.0035	0.090	35.7551
40	0.0031	0.080	45.57752
41	0.0028	0.071	55.86735
42	0.0025	0.063	70.08
43	0.0022	0.056	90.49587
44	0.0020	0.050	109.5
45	0.00176	0.045	141.3998
46	0.00157	0.040	177.6948
47	0.00140	0.035	223.4694
48	0.00124	0.031	284.8595
49	0.00111	0.028	355.4907
50	0.00099	0.025	446.8932

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