



HSM Wire International, Inc

Ph: 330-244-8501 Fax: 330-244-8561

www.hsmwire.com



Nichrome 80/20 60/16 Ohms per Linear Ft Chart

		80/20	60/16			80/20	60/16
Dia. (approx) mm	Dia (approx) Inches	Nominal OHMS per Linear FT. at 20°C	Nominal OHMS per Linear FT. at 20°C	Dia. (approx) mm	Dia (approx) Inches	Nominal OHMS per Linear FT. at 20°C	Nominal OHMS per Linear FT. at 20°C
5.18	0.204	0.01562	0.01622	0.23	0.0089	8.206	8.523
4.62	0.182	0.01962	0.02038	0.20	0.008	10.16	10.55
4.11	0.162	0.02476	0.02572	0.18	0.0071	12.90	13.39
3.66	0.144	0.03135	0.03255	0.16	0.0063	16.37	17.00
3.25	0.128	0.03967	0.04120	0.14	0.0056	20.72	21.52
2.90	0.114	0.05001	0.05194	0.127	0.005	26.00	27.00
2.59	0.102	0.06248	0.06488	0.114	0.0045	32.09	33.33
2.31	0.091	0.07849	0.08151	0.102	0.004	40.62	42.19
2.06	0.081	0.09907	0.1029	0.089	0.0035	53.06	55.10
1.83	0.072	0.1254	0.1302	0.079	0.0031	67.63	70.24
1.63	0.064	0.1587	0.1648	0.070	0.00275	85.98	89.29
1.45	0.057	0.2	0.2078	0.0635	0.0025	104.00	108.0
1.30	0.051	0.2499	0.2595	0.057	0.00225	128.5	133.4
1.14	0.045	0.3209	0.3333	0.051	0.002	162.5	168.8
1.02	0.040	0.4062	0.4219	0.044	0.00175	212.4	220.6
0.91	0.036	0.5015	0.5208	0.038	0.0015	288.9	300.0
0.81	0.032	0.6347	0.6592	0.036	0.0014	331.6	344.4
0.72	0.0285	0.8002	0.831	0.033	0.0013	384.6	399.4
0.64	0.0253	1.017	1.055	0.030	0.0012	451.4	468.7
0.57	0.0226	1.272	1.322	0.0279	0.0011	537.2	557.8
0.51	0.0201	1.609	1.671	0.025	0.001	650.0	675.0
0.45	0.0179	2.029	2.107	0.0229	0.0009	802.0	833.3

* Using 45 OHMS/CMF

*to be used as a guideline only.

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0.40	0.0159	2.571	2.670	0.0203	0.0008	1016.0	1054.6
0.36	0.0142	3.228	3.348	0.0178	0.0007	1327.0	1377.5
0.32	0.0126	4.09	4.251	0.0152	0.0006	1806.0	1875.0
0.29	0.0113	5.09	5.286	0.0127	0.0005	2600.0	2700.0
0.25	0.010	6.5	6.750	* Using 45 OHMS/CMF			

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