

		Air Insulated Open Wire Balanced Line			
		Center to Center Conductor Spacing (in.)			
		Characteristic Impedance (Ohms)			
		300	424.2640687	450	600
	Dielectric Constant of Air				
	1.00054				
AWG	Diameter (in.)				
10	0.1018971153	0.625278831	1.751367461	2.169779062	7.571992669
11	0.0907420017	0.556826879	1.559637765	1.932244056	6.743054205
12	0.0808080862	0.495868656	1.388897539	1.720713024	6.004863184
13	0.0719616789	0.441583791	1.236848978	1.532339201	5.347485095
14	0.0640837257	0.393241722	1.101445823	1.364587466	4.762073001
15	0.0570682058	0.350191867	0.980865832	1.215200232	4.240748476
16	0.050820705	0.311854863	0.873486249	1.082167059	3.776495579
17	0.0452571447	0.277714776	0.777861969	0.963697596	3.363066435
18	0.0403026513	0.24731215	0.692706088	0.858197493	2.99489715
19	0.0358905475	0.22023783	0.616872586	0.764246939	2.667032933
20	0.0319614555	0.196127452	0.549340902	0.680581553	2.375061417
21	0.0284624981	0.174656539	0.489202201	0.606075376	2.115053272
22	0.0253465866	0.15553614	0.435647141	0.539725709	1.883509333
23	0.0225717872	0.138508933	0.387954983	0.480639624	1.6773135
24	0.020100757	0.123345767	0.345483889	0.428021946	1.493690808
25	0.017900241	0.109842577	0.307662288	0.381164551	1.330170078
26	0.015940625	0.09781764	0.27398118	0.339436835	1.184550663
27	0.0141955365	0.087109124	0.243987287	0.302277231	1.054872829
28	0.0126414903	0.077572915	0.217276954	0.269185648	0.939391383
29	0.0112575722	0.069080676	0.193490715	0.239716742	0.836552186
30	0.0100251576	0.061518119	0.172308458	0.213473924	0.744971235