

1:1 바론을 이용한 다이폴 안테나 만들기

단축율: 0.95

단위: 미터

주파수	공진 주파수(Mhz)	총길이	한쪽길이
1.8 (160m)	1.800	79.167	39.583
	1.810	78.729	39.365
	1.820	78.297	39.148
	1.830	77.869	38.934
3.5 (80m)	3.500	40.714	20.357
	3.510	40.598	20.299
	3.520	40.483	20.241
	3.530	40.368	20.184
	3.540	40.254	20.127
	3.550	40.141	20.070
	3.790	37.599	18.799
	3.800	37.500	18.750
7 (40m)	7.000	20.357	10.179
	7.010	20.328	10.164
	7.020	20.299	10.150
	7.030	20.270	10.135
	7.040	20.241	10.121
	7.050	20.213	10.106
	7.060	20.184	10.092
	7.070	20.156	10.078
	7.080	20.127	10.064
	7.090	20.099	10.049
	7.100	20.070	10.035
10 (30m)	10.100	14.109	7.054
	10.110	14.095	7.047
	10.120	14.081	7.041
	10.130	14.067	7.034
	10.140	14.053	7.027
	10.150	14.039	7.020
	14.000	10.179	5.089
	14.010	10.171	5.086
	14.020	10.164	5.082
	14.030	10.157	5.078
	14.040	10.150	5.075
	14.050	10.142	5.071
	14.060	10.135	5.068
	14.070	10.128	5.064
	14.080	10.121	5.060
	14.090	10.114	5.057
	14.100	10.106	5.053
	14.110	10.099	5.050
	14.120	10.092	5.046
	14.130	10.085	5.042
	14.140	10.078	5.039
	14.150	10.071	5.035

14 (20m)	14.160	10.064	5.032
	14.170	10.056	5.028
	14.180	10.049	5.025
	14.190	10.042	5.021
	14.200	10.035	5.018
	14.210	10.028	5.014
	14.220	10.021	5.011
	14.230	10.014	5.007
	14.240	10.007	5.004
	14.250	10.000	5.000
	14.260	9.993	4.996
	14.270	9.986	4.993
	14.280	9.979	4.989
	14.290	9.972	4.986
	14.300	9.965	4.983
	14.310	9.958	4.979
	14.320	9.951	4.976
	14.330	9.944	4.972
	14.340	9.937	4.969
	14.350	9.930	4.965
18 (17m)	18.068	7.887	3.943
	18.070	7.886	3.943
	18.080	7.882	3.941
	18.090	7.877	3.939
	18.100	7.873	3.936
	18.110	7.869	3.934
	18.120	7.864	3.932
	18.130	7.860	3.930
	18.140	7.856	3.928
	18.150	7.851	3.926
	18.160	7.847	3.923
	18.168	7.843	3.922
	21.000	6.786	3.393
	21.010	6.782	3.391
	21.020	6.779	3.390
	21.030	6.776	3.388
	21.040	6.773	3.386
	21.050	6.770	3.385
	21.060	6.766	3.383
	21.070	6.763	3.382
	21.080	6.760	3.380
	21.090	6.757	3.378
	21.100	6.754	3.377
	21.110	6.750	3.375
	21.120	6.747	3.374
	21.130	6.744	3.372
	21.140	6.741	3.370
	21.150	6.738	3.369
	21.160	6.734	3.367
	21.170	6.731	3.366
	21.180	6.728	3.364

21 (15m)	21.190	6.725	3.362
	21.200	6.722	3.361
	21.210	6.719	3.359
	21.220	6.715	3.358
	21.230	6.712	3.356
	21.240	6.709	3.355
	21.250	6.706	3.353
	21.260	6.703	3.351
	21.270	6.700	3.350
	21.280	6.696	3.348
	21.290	6.693	3.347
	21.300	6.690	3.345
	21.310	6.687	3.344
	21.320	6.684	3.342
	21.330	6.681	3.340
	21.340	6.678	3.339
	21.350	6.674	3.337
	21.360	6.671	3.336
	21.370	6.668	3.334
	21.380	6.665	3.333
	21.390	6.662	3.331
	21.400	6.659	3.329
	21.410	6.656	3.328
	21.420	6.653	3.326
	21.430	6.650	3.325
	21.440	6.646	3.323
	21.450	6.643	3.322
24 (12m)	24.890	5.725	2.863
	24.900	5.723	2.861
	24.910	5.721	2.860
	24.920	5.718	2.859
	24.930	5.716	2.858
	24.940	5.714	2.857
	24.950	5.711	2.856
	24.960	5.709	2.855
	24.970	5.707	2.853
	24.980	5.705	2.852
	24.990	5.702	2.851
	28.000	5.089	2.545
	28.010	5.087	2.544
	28.020	5.086	2.543
	28.030	5.084	2.542
	28.040	5.082	2.541
	28.050	5.080	2.540
	28.060	5.078	2.539
	28.070	5.077	2.538
	28.080	5.075	2.537
	28.090	5.073	2.536
	28.100	5.071	2.536
	28.110	5.069	2.535
	28.120	5.068	2.534

28.130	5.066	2.533
28.140	5.064	2.532
28.150	5.062	2.531
28.160	5.060	2.530
28.170	5.059	2.529
28.180	5.057	2.528
28.190	5.055	2.527
28.200	5.053	2.527
28.210	5.051	2.526
28.220	5.050	2.525
28.230	5.048	2.524
28.240	5.046	2.523
28.250	5.044	2.522
28.260	5.042	2.521
28.270	5.041	2.520
28.280	5.039	2.519
28.290	5.037	2.519
28.300	5.035	2.518
28.310	5.034	2.517
28.320	5.032	2.516
28.330	5.030	2.515
28.340	5.028	2.514
28.350	5.026	2.513
28.360	5.025	2.512
28.370	5.023	2.511
28.380	5.021	2.511
28.390	5.019	2.510
28.400	5.018	2.509
28.410	5.016	2.508
28.420	5.014	2.507
28.430	5.012	2.506
28.440	5.011	2.505
28.450	5.009	2.504
28.460	5.007	2.504
28.470	5.005	2.503
28.480	5.004	2.502
28.490	5.002	2.501
28.500	5.000	2.500
28.510	4.998	2.499
28.520	4.996	2.498
28.530	4.995	2.497
28.540	4.993	2.496
28.550	4.991	2.496
28.560	4.989	2.495
28.570	4.988	2.494
28.580	4.986	2.493
28.590	4.984	2.492
28.600	4.983	2.491
28.610	4.981	2.490
28.620	4.979	2.490
28.630	4.977	2.489

28 (10m)

28.640	4.976	2.488
28.650	4.974	2.487
28.660	4.972	2.486
28.670	4.970	2.485
28.680	4.969	2.484
28.690	4.967	2.483
28.700	4.965	2.483
28.710	4.963	2.482
28.720	4.962	2.481
28.730	4.960	2.480
28.740	4.958	2.479
28.750	4.957	2.478
28.760	4.955	2.477
28.770	4.953	2.477
28.780	4.951	2.476
28.790	4.950	2.475
28.800	4.948	2.474
28.810	4.946	2.473
28.820	4.944	2.472
28.830	4.943	2.471
28.840	4.941	2.471
28.850	4.939	2.470
28.860	4.938	2.469
28.870	4.936	2.468
28.880	4.934	2.467
28.890	4.933	2.466
28.900	4.931	2.465
28.910	4.929	2.465
28.920	4.927	2.464
28.930	4.926	2.463
28.940	4.924	2.462
28.950	4.922	2.461
28.960	4.921	2.460
28.970	4.919	2.459
28.980	4.917	2.459
28.990	4.915	2.458
29.000	4.914	2.457
29.010	4.912	2.456
29.020	4.910	2.455
29.030	4.909	2.454
29.040	4.907	2.454
29.050	4.905	2.453
29.060	4.904	2.452
29.070	4.902	2.451
29.080	4.900	2.450
29.090	4.899	2.449
29.100	4.897	2.448
29.110	4.895	2.448
29.120	4.894	2.447
29.130	4.892	2.446
29.140	4.890	2.445

29.150	4.889	2.444
29.160	4.887	2.443
29.170	4.885	2.443
29.180	4.883	2.442
29.190	4.882	2.441
29.200	4.880	2.440
29.210	4.878	2.439
29.220	4.877	2.438
29.230	4.875	2.438
29.240	4.873	2.437
29.250	4.872	2.436
29.260	4.870	2.435
29.270	4.868	2.434
29.280	4.867	2.433
29.290	4.865	2.433
29.300	4.863	2.432
29.310	4.862	2.431
29.320	4.860	2.430
29.330	4.859	2.429
29.340	4.857	2.428
29.350	4.855	2.428
29.360	4.854	2.427
29.370	4.852	2.426
29.380	4.850	2.425
29.390	4.849	2.424
29.400	4.847	2.423
29.410	4.845	2.423
29.420	4.844	2.422
29.430	4.842	2.421
29.440	4.840	2.420
29.450	4.839	2.419
29.460	4.837	2.419
29.470	4.835	2.418
29.480	4.834	2.417
29.490	4.832	2.416
29.500	4.831	2.415
29.510	4.829	2.414
29.520	4.827	2.414
29.530	4.826	2.413
29.540	4.824	2.412
29.550	4.822	2.411
29.560	4.821	2.410
29.570	4.819	2.410
29.580	4.817	2.409
29.590	4.816	2.408
29.600	4.814	2.407
29.610	4.813	2.406
29.620	4.811	2.405
29.630	4.809	2.405
29.640	4.808	2.404
29.650	4.806	2.403

	29.660	4.804	2.402
	29.670	4.803	2.401
	29.680	4.801	2.401
	29.690	4.800	2.400
	29.700	4.798	2.399
	50.000	2.850	1.425
	50.010	2.849	1.425
	50.020	2.849	1.424
	50.030	2.848	1.424
	50.040	2.848	1.424
	50.050	2.847	1.424
	50.060	2.847	1.423
	50.070	2.846	1.423
	50.080	2.845	1.423
	50.090	2.845	1.422
	50.100	2.844	1.422
	50.110	2.844	1.422
	50.120	2.843	1.422
	50.130	2.843	1.421
	50.140	2.842	1.421
	50.150	2.841	1.421
	50.160	2.841	1.420
	50.170	2.840	1.420
	50.180	2.840	1.420
	50.190	2.839	1.420
	50.200	2.839	1.419
	50.210	2.838	1.419
	50.220	2.838	1.419
	50.230	2.837	1.418
	50.240	2.836	1.418
	50.250	2.836	1.418
	50.260	2.835	1.418
	50.270	2.835	1.417
	50.280	2.834	1.417
	50.290	2.834	1.417
	50.300	2.833	1.417
	50.310	2.832	1.416
	50.320	2.832	1.416
	50.330	2.831	1.416
	50.340	2.831	1.415
	50.350	2.830	1.415
	50.360	2.830	1.415
	50.370	2.829	1.415
	50.380	2.829	1.414
	50.390	2.828	1.414
	50.400	2.827	1.414
	50.410	2.827	1.413
	50.420	2.826	1.413
	50.430	2.826	1.413
	50.440	2.825	1.413
	50.450	2.825	1.412

50.460	2.824	1.412
50.470	2.823	1.412
50.480	2.823	1.411
50.490	2.822	1.411
50.500	2.822	1.411
50.510	2.821	1.411
50.520	2.821	1.410
50.530	2.820	1.410
50.540	2.820	1.410
50.550	2.819	1.409
50.560	2.818	1.409
50.570	2.818	1.409
50.580	2.817	1.409
50.590	2.817	1.408
50.600	2.816	1.408
50.610	2.816	1.408
50.620	2.815	1.408
50.630	2.815	1.407
50.640	2.814	1.407
50.650	2.813	1.407
50.660	2.813	1.406
50.670	2.812	1.406
50.680	2.812	1.406
50.690	2.811	1.406
50.700	2.811	1.405
50.710	2.810	1.405
50.720	2.810	1.405
50.730	2.809	1.404
50.740	2.808	1.404
50.750	2.808	1.404
50.760	2.807	1.404
50.770	2.807	1.403
50.780	2.806	1.403
50.790	2.806	1.403
50.800	2.805	1.403
50.810	2.805	1.402
50.820	2.804	1.402
50.830	2.803	1.402
50.840	2.803	1.401
50.850	2.802	1.401
50.860	2.802	1.401
50.870	2.801	1.401
50.880	2.801	1.400
50.890	2.800	1.400
50.900	2.800	1.400
50.910	2.799	1.400
50.920	2.799	1.399
50.930	2.798	1.399
50.940	2.797	1.399
50.950	2.797	1.398
50.960	2.796	1.398

50.970	2.796	1.398
50.980	2.795	1.398
50.990	2.795	1.397
51.000	2.794	1.397
51.010	2.794	1.397
51.020	2.793	1.397
51.030	2.792	1.396
51.040	2.792	1.396
51.050	2.791	1.396
51.060	2.791	1.395
51.070	2.790	1.395
51.080	2.790	1.395
51.090	2.789	1.395
51.100	2.789	1.394
51.110	2.788	1.394
51.120	2.788	1.394
51.130	2.787	1.394
51.140	2.786	1.393
51.150	2.786	1.393
51.160	2.785	1.393
51.170	2.785	1.392
51.180	2.784	1.392
51.190	2.784	1.392
51.200	2.783	1.392
51.210	2.783	1.391
51.220	2.782	1.391
51.230	2.782	1.391
51.240	2.781	1.391
51.250	2.780	1.390
51.260	2.780	1.390
51.270	2.779	1.390
51.280	2.779	1.389
51.290	2.778	1.389
51.300	2.778	1.389
51.310	2.777	1.389
51.320	2.777	1.388
51.330	2.776	1.388
51.340	2.776	1.388
51.350	2.775	1.388
51.360	2.775	1.387
51.370	2.774	1.387
51.380	2.773	1.387
51.390	2.773	1.386
51.400	2.772	1.386
51.410	2.772	1.386
51.420	2.771	1.386
51.430	2.771	1.385
51.440	2.770	1.385
51.450	2.770	1.385
51.460	2.769	1.385
51.470	2.769	1.384

51.480	2.768	1.384
51.490	2.768	1.384
51.500	2.767	1.383
51.510	2.766	1.383
51.520	2.766	1.383
51.530	2.765	1.383
51.540	2.765	1.382
51.550	2.764	1.382
51.560	2.764	1.382
51.570	2.763	1.382
51.580	2.763	1.381
51.590	2.762	1.381
51.600	2.762	1.381
51.610	2.761	1.381
51.620	2.761	1.380
51.630	2.760	1.380
51.640	2.759	1.380
51.650	2.759	1.379
51.660	2.758	1.379
51.670	2.758	1.379
51.680	2.757	1.379
51.690	2.757	1.378
51.700	2.756	1.378
51.710	2.756	1.378
51.720	2.755	1.378
51.730	2.755	1.377
51.740	2.754	1.377
51.750	2.754	1.377
51.760	2.753	1.377
51.770	2.753	1.376
51.780	2.752	1.376
51.790	2.751	1.376
51.800	2.751	1.375
51.810	2.750	1.375
51.820	2.750	1.375
51.830	2.749	1.375
51.840	2.749	1.374
51.850	2.748	1.374
51.860	2.748	1.374
51.870	2.747	1.374
51.880	2.747	1.373
51.890	2.746	1.373
51.900	2.746	1.373
51.910	2.745	1.373
51.920	2.745	1.372
51.930	2.744	1.372
51.940	2.744	1.372
51.950	2.743	1.372
51.960	2.742	1.371
51.970	2.742	1.371
51.980	2.741	1.371

50 (6m)	51.990	2.741	1.370
	52.000	2.740	1.370
	52.010	2.740	1.370
	52.020	2.739	1.370
	52.030	2.739	1.369
	52.040	2.738	1.369
	52.050	2.738	1.369
	52.060	2.737	1.369
	52.070	2.737	1.368
	52.080	2.736	1.368
	52.090	2.736	1.368
	52.100	2.735	1.368
	52.110	2.735	1.367
	52.120	2.734	1.367
	52.130	2.734	1.367
	52.140	2.733	1.367
	52.150	2.733	1.366
	52.160	2.732	1.366
	52.170	2.731	1.366
	52.180	2.731	1.365
	52.190	2.730	1.365
	52.200	2.730	1.365
	52.210	2.729	1.365
	52.220	2.729	1.364
	52.230	2.728	1.364
	52.240	2.728	1.364
	52.250	2.727	1.364
	52.260	2.727	1.363
	52.270	2.726	1.363
	52.280	2.726	1.363
	52.290	2.725	1.363
	52.300	2.725	1.362
	52.310	2.724	1.362
	52.320	2.724	1.362
	52.330	2.723	1.362
	52.340	2.723	1.361
	52.350	2.722	1.361
	52.360	2.722	1.361
	52.370	2.721	1.361
	52.380	2.721	1.360
	52.390	2.720	1.360
	52.400	2.719	1.360
	52.410	2.719	1.359
	52.420	2.718	1.359
	52.430	2.718	1.359
	52.440	2.717	1.359
	52.450	2.717	1.358
	52.460	2.716	1.358
	52.470	2.716	1.358
	52.480	2.715	1.358
	52.490	2.715	1.357

52.500	2.714	1.357
52.510	2.714	1.357
52.520	2.713	1.357
52.530	2.713	1.356
52.540	2.712	1.356
52.550	2.712	1.356
52.560	2.711	1.356
52.570	2.711	1.355
52.580	2.710	1.355
52.590	2.710	1.355
52.600	2.709	1.355
52.610	2.709	1.354
52.620	2.708	1.354
52.630	2.708	1.354
52.640	2.707	1.354
52.650	2.707	1.353
52.660	2.706	1.353
52.670	2.706	1.353
52.680	2.705	1.353
52.690	2.704	1.352
52.700	2.704	1.352
52.710	2.703	1.352
52.720	2.703	1.351
52.730	2.702	1.351
52.740	2.702	1.351
52.750	2.701	1.351
52.760	2.701	1.350
52.770	2.700	1.350
52.780	2.700	1.350
52.790	2.699	1.350
52.800	2.699	1.349
52.810	2.698	1.349
52.820	2.698	1.349
52.830	2.697	1.349
52.840	2.697	1.348
52.850	2.696	1.348
52.860	2.696	1.348
52.870	2.695	1.348
52.880	2.695	1.347
52.890	2.694	1.347
52.900	2.694	1.347
52.910	2.693	1.347
52.920	2.693	1.346
52.930	2.692	1.346
52.940	2.692	1.346
52.950	2.691	1.346
52.960	2.691	1.345
52.970	2.690	1.345
52.980	2.690	1.345
52.990	2.689	1.345
53.000	2.689	1.344

53.010	2.688	1.344
53.020	2.688	1.344
53.030	2.687	1.344
53.040	2.687	1.343
53.050	2.686	1.343
53.060	2.686	1.343
53.070	2.685	1.343
53.080	2.685	1.342
53.090	2.684	1.342
53.100	2.684	1.342
53.110	2.683	1.342
53.120	2.683	1.341
53.130	2.682	1.341
53.140	2.682	1.341
53.150	2.681	1.341
53.160	2.681	1.340
53.170	2.680	1.340
53.180	2.680	1.340
53.190	2.679	1.340
53.200	2.679	1.339
53.210	2.678	1.339
53.220	2.678	1.339
53.230	2.677	1.339
53.240	2.677	1.338
53.250	2.676	1.338
53.260	2.676	1.338
53.270	2.675	1.338
53.280	2.675	1.337
53.290	2.674	1.337
53.300	2.674	1.337
53.310	2.673	1.337
53.320	2.673	1.336
53.330	2.672	1.336
53.340	2.672	1.336
53.350	2.671	1.336
53.360	2.671	1.335
53.370	2.670	1.335
53.380	2.670	1.335
53.390	2.669	1.335
53.400	2.669	1.334
53.410	2.668	1.334
53.420	2.668	1.334
53.430	2.667	1.334
53.440	2.667	1.333
53.450	2.666	1.333
53.460	2.666	1.333
53.470	2.665	1.333
53.480	2.665	1.332
53.490	2.664	1.332
53.500	2.664	1.332
53.510	2.663	1.332

	53.520	2.663	1.331
	53.530	2.662	1.331
	53.540	2.662	1.331
	53.550	2.661	1.331
	53.560	2.661	1.330
	53.570	2.660	1.330
	53.580	2.660	1.330
	53.590	2.659	1.330
	53.600	2.659	1.329
	53.610	2.658	1.329
	53.620	2.658	1.329
	53.630	2.657	1.329
	53.640	2.657	1.328
	53.650	2.656	1.328
	53.660	2.656	1.328
	53.670	2.655	1.328
	53.680	2.655	1.327
	53.690	2.654	1.327
	53.700	2.654	1.327
	53.710	2.653	1.327
	53.720	2.653	1.326
	53.730	2.652	1.326
	53.740	2.652	1.326
	53.750	2.651	1.326
	53.760	2.651	1.325
	53.770	2.650	1.325
	53.780	2.650	1.325
	53.790	2.649	1.325
	53.800	2.649	1.324
	53.810	2.648	1.324
	53.820	2.648	1.324
	53.830	2.647	1.324
	53.840	2.647	1.323
	53.850	2.646	1.323
	53.860	2.646	1.323
	53.870	2.645	1.323
	53.880	2.645	1.322
	53.890	2.644	1.322
	53.900	2.644	1.322
	53.910	2.643	1.322
	53.920	2.643	1.321
	53.930	2.642	1.321
	53.940	2.642	1.321
	53.950	2.641	1.321
	53.960	2.641	1.320
	53.970	2.640	1.320
	53.980	2.640	1.320
	53.990	2.639	1.320
	54.000	2.639	1.319