



2.4/5GHz 무지향성 안테나


모델: DP-2450-05(8)

고성능 무지향성 안테나

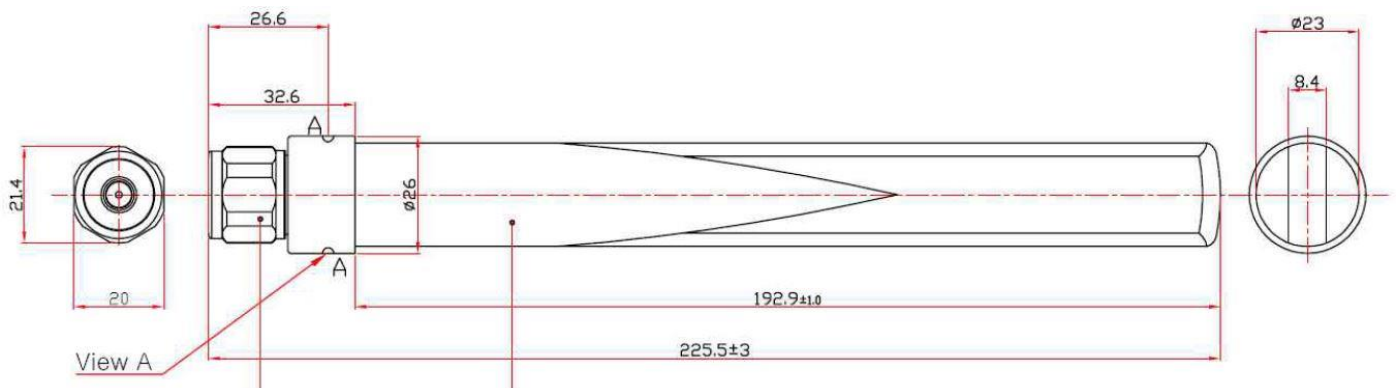
2.4/5 GHz 겸용

실내/실외 환경 사용

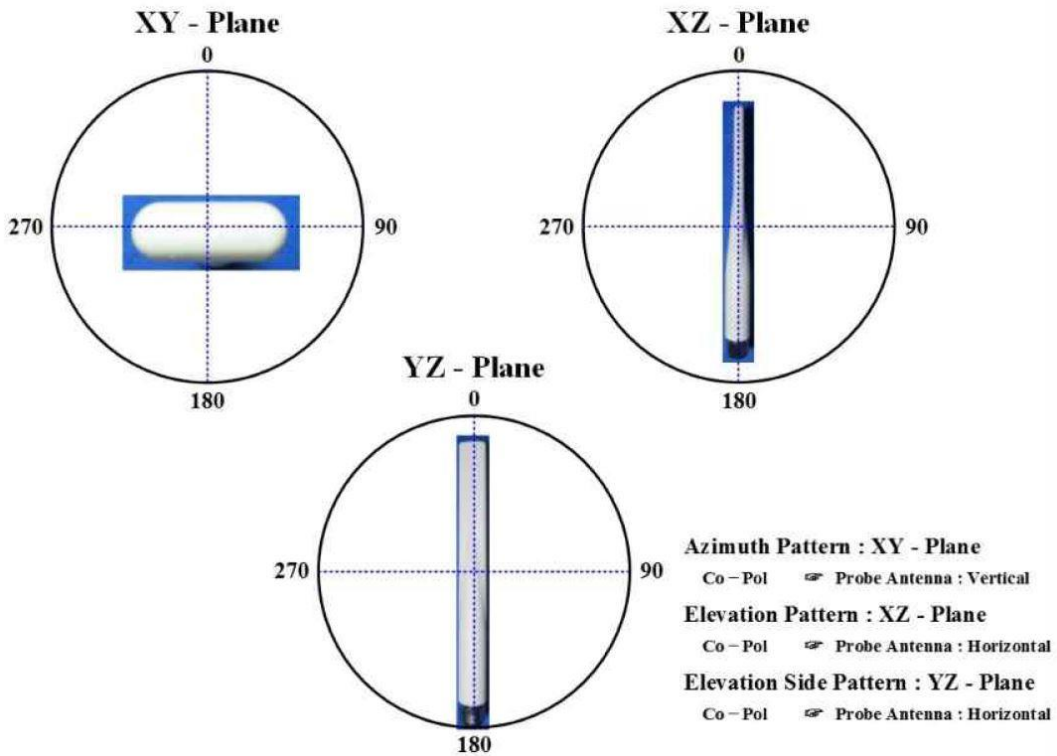
DP-2450-05(8) 사양서

설치 환경	실내 / 실외
지원 주파수	2400 ~ 2483.5 / 5150 ~ 5875 MHz
이득	5 dBi @ 2.4 GHz, 8 dBi @ 5 GHz
전압 정재파 비 (VSWR)	1.9 : 1
임피던스	50 Ω
Polarization	Linear, Vertical
Radiation	Omni directional
Max. Input Power	20W
커넥터	N-type Male  N-TYPE MALE ↔ N-TYPE FEMALE
크기	222 x 23 mm
Radom Material	PC ABS
Ingress Protection	IP67
동작 온도	-40 ~ +85°C
동작 습도	10 ~ 95%

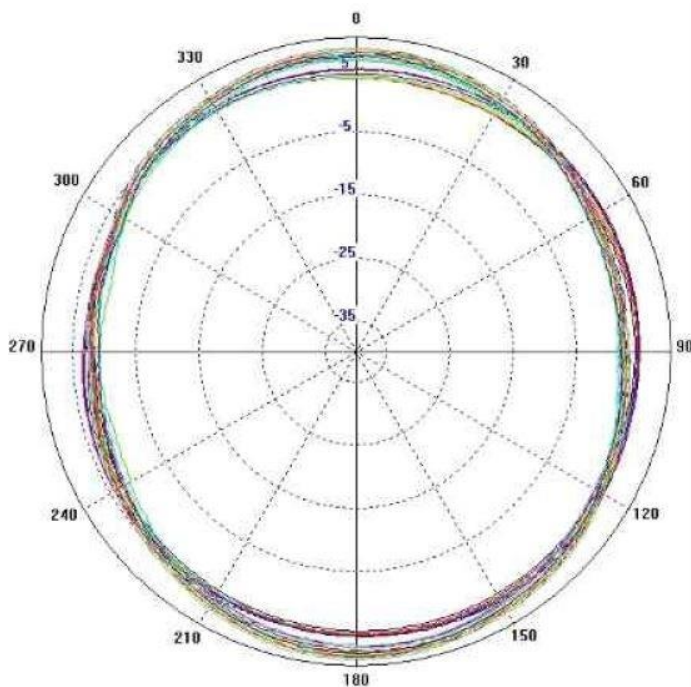
Dimension



Axis Definitions

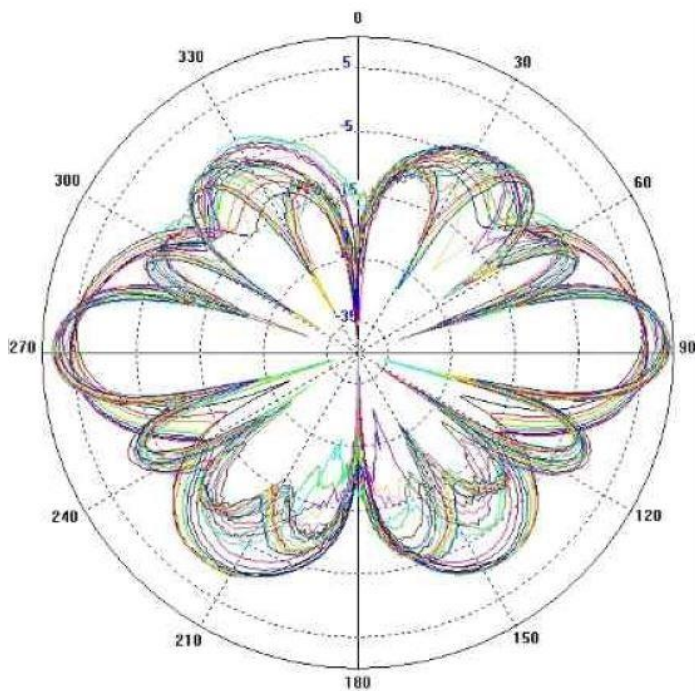


Azimuth Pattern: Co-pol



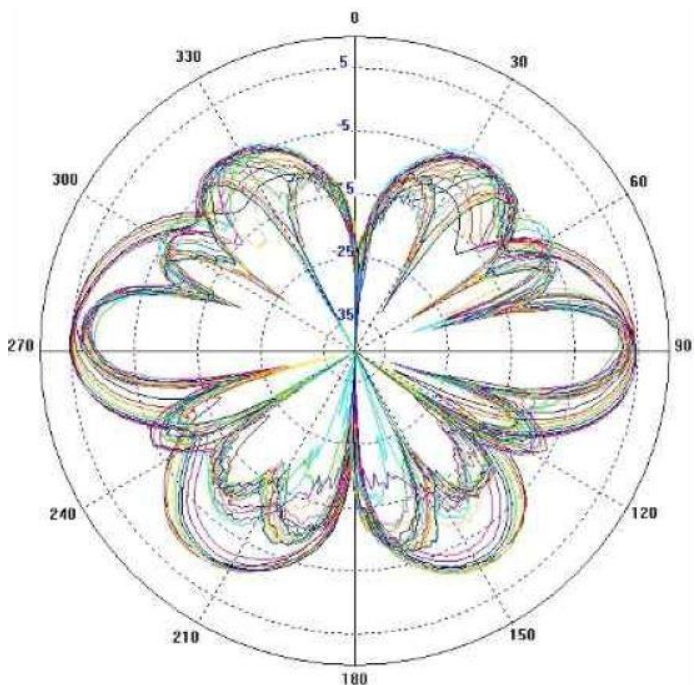
	Frequency [GHz]	Maximum [dB]	Degree	Minimum [dB]	Degree	Average [dB]	BeamWidth -3[dB]	F/B [dB]
Aver.	4.47	6.900	168.58	1.729	270.12	4.606	153.82	0.500
	2.4	4.429	157	1.564	266	3.613	N/A	0.173
	2.412	4.806	157	1.723	271	3.795	350.00	0.534
	2.422	5.096	161	1.892	274	3.962	344.00	0.854
	2.437	5.167	152	1.898	277	3.989	340.00	1.049
	2.442	5.252	152	1.999	280	4.083	341.00	1.082
	2.452	5.407	149	2.248	283	4.288	345.00	1.050
	2.462	5.626	150	2.690	283	4.658	N/A	0.778
	2.472	5.398	143	2.769	285	4.616	N/A	0.425
	2.4835	5.184	148	2.902	287	4.546	N/A	0.186
	5.15	7.237	173	1.112	274	4.384	105.00	0.426
	5.2	6.805	173	0.270	285	3.795	97.00	0.402
	5.25	6.781	177	0.938	256	4.024	101.00	0.158
	5.3	6.976	0	1.105	260	4.284	98.00	0.078
	5.35	7.094	357	1.214	259	4.410	98.00	0.105
	5.4	7.611	169	1.693	263	4.946	103.00	0.012
	5.47	7.994	174	1.885	261	5.099	98.00	0.265
	5.5	7.885	172	1.748	263	4.986	96.00	0.247
	5.55	8.548	179	2.392	267	5.613	97.00	0.414
	5.6	8.213	181	2.053	264	5.202	97.00	0.443
	5.65	8.611	181	2.330	265	5.582	96.00	0.494
	5.725	8.865	180	2.372	268	5.738	98.00	0.598
	5.755	8.428	180	1.774	267	5.200	96.00	0.720
	5.8	8.363	177	1.730	262	5.140	96.00	0.731
	5.825	8.079	182	1.153	265	4.822	96.00	0.644
	5.865	7.709	181	0.723	268	4.452	95.00	0.551
	5.875	7.828	178	0.773	270	4.531	97.00	0.577

Elevation Pattern: Co-pol



	Frequency [GHz]	Maximum [dB]	Degree	Minimum [dB]	Degree	Average [dB]	BeamWidth -3[dB]	F/B [dB]
Aver.	4.47	7.359	87.65	-36.429	252.38	-7.147	20.04	0.654
	2.4	5.239	84	-43.550	355	-6.814	28.00	0.472
	2.412	5.522	85	-57.429	355	-6.031	27.00	0.521
	2.422	5.492	86	-39.575	355	-5.669	28.00	0.516
	2.437	5.453	87	-37.442	356	-5.278	27.00	0.263
	2.442	5.486	88	-39.778	356	-5.197	26.00	0.151
	2.452	5.608	89	-41.372	356	-5.105	27.00	0.061
	2.462	5.814	89	-43.058	356	-5.075	28.00	0.179
	2.472	5.763	90	-36.421	179	-5.413	28.00	0.235
	2.4835	5.624	89	-40.966	180	-6.028	29.00	0.263
	5.15	7.555	88	-27.081	253	-8.268	17.00	0.724
	5.2	7.027	88	-36.004	253	-6.946	18.00	0.855
	5.25	7.264	87	-35.748	105	-6.264	17.00	0.627
	5.3	7.209	87	-30.922	165	-7.512	17.00	0.508
	5.35	7.408	87	-35.103	2	-7.659	17.00	0.580
	5.4	8.121	86	-29.594	360	-7.207	17.00	0.799
	5.47	8.633	88	-33.182	71	-7.534	17.00	0.750
	5.5	8.580	87	-27.492	182	-7.739	16.00	0.736
	5.55	9.130	88	-28.583	72	-7.638	16.00	0.894
	5.6	8.862	88	-32.150	358	-8.330	15.00	0.930
	5.65	9.209	89	-36.975	181	-8.144	16.00	0.864
	5.725	9.365	89	-44.510	181	-8.340	15.00	0.995
	5.755	8.843	88	-36.130	123	-8.659	15.00	0.942
	5.8	8.777	88	-33.024	330	-8.634	15.00	1.022
	5.825	8.511	88	-34.489	359	-8.787	15.00	0.871
	5.865	8.400	89	-31.822	359	-8.859	15.00	1.142
	5.875	8.429	87	-34.750	360	-8.702	15.00	1.078

Elevation Side Pattern: Co-pol



	Frequency [GHz]	Maximum [dB]	Degree	Minimum [dB]	Degree	Average [dB]	BeamWidth -3[dB]	F/B [dB]
Aver.	4.47	3.824	166.46	-36.661	154.88	-9.019	20.31	0.499
	2.4	4.540	279	-39.115	181	-7.180	29.00	0.381
	2.412	4.829	278	-41.719	181	-6.327	29.00	0.383
	2.422	4.752	276	-36.206	181	-5.980	28.00	0.357
	2.437	4.750	274	-31.844	2	-5.712	28.00	0.598
	2.442	4.909	273	-32.176	180	-5.597	28.00	0.722
	2.452	5.090	272	-35.288	180	-5.513	27.00	0.744
	2.462	5.208	273	-39.257	180	-5.472	28.00	0.616
	2.472	5.066	271	-33.884	180	-5.817	28.00	0.554
	2.4835	4.883	271	-30.551	180	-6.345	28.00	0.430
	5.15	2.541	87	-31.035	255	-10.357	20.00	0.274
	5.2	2.252	84	-38.791	3	-10.080	18.00	0.826
	5.25	3.172	86	-46.738	191	-10.034	17.00	1.084
	5.3	2.964	86	-30.360	2	-9.998	17.00	0.904
	5.35	3.187	86	-31.116	360	-9.759	17.00	0.902
	5.4	3.707	86	-28.299	3	-9.618	16.00	0.854
	5.47	3.819	89	-44.974	126	-10.142	16.00	0.254
	5.5	3.689	88	-56.294	153	-10.716	15.00	0.529
	5.55	4.047	88	-43.205	3	-10.455	16.00	0.623
	5.6	3.689	88	-33.661	108	-11.107	15.00	0.487
	5.65	3.886	89	-33.377	238	-10.719	16.00	0.152
	5.725	3.941	89	-32.008	3	-10.903	16.00	0.246
	5.755	3.379	89	-33.510	183	-11.183	15.00	0.276
	5.8	3.219	89	-31.947	183	-11.333	15.00	0.354
	5.825	2.746	88	-36.832	256	-11.316	15.00	0.117
	5.865	2.578	275	-42.701	331	-11.535	15.00	0.201
	5.875	2.576	274	-38.289	184	-11.299	16.00	0.100

견적/기술 문의

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