



## 실외용 무지향성 안테나

5GHz 8dBi Omni-directional Antenna

모델: ON-50-08

## Electrical Specifications

주파수	5150 ~ 5925 MHz
전압 정재파비(VSWR)	1.9 : 1
이득	8 dBi (최대 11dBi)
최대 입력	50 Watts
임피던스	50Ω
편파	수직
빔폭	수평: 360°, 수직: 50°

## Mechanical Specifications

커넥터	N Male
동작 온도	-40 ~ +80 °C, IP67 방수/방진
커버 재질	Light weight fiberglass
크기 (L x W x H)	370 x 20 mm

## 크기



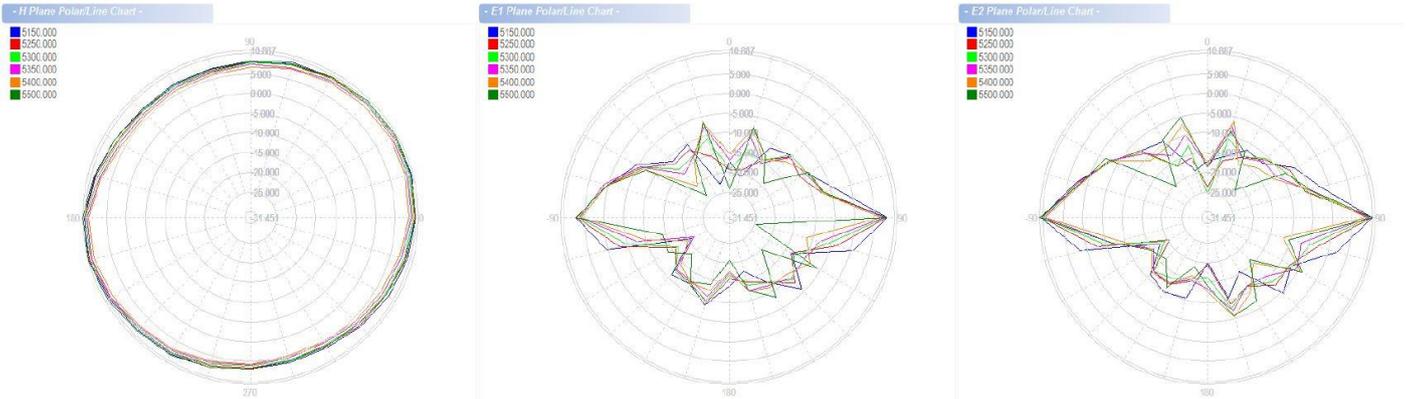
단위: mm

# 빔패턴

Frequency	Sum					H( $\phi=90$ )				E1( $\phi=90$ )				E2( $\phi=0$ )			
	$\theta$ [Deg]	$\Phi$ [Deg]	Max[dBi]	Avg[dBi]	EW[%]	$\Phi$ [Deg]	Max[dBi]	Avg[dBi]	BW[Deg]	$\theta$ [Deg]	Max[dBi]	Avg[dBi]	BW[Deg]	$\theta$ [Deg]	Max[dBi]	Avg[dBi]	BW[Deg]
5,150,000	90.0	195.0	10.781	1.474	140.406	195.0	10.781	9.028	109.98	90.0	8.393	-1.412	9.76	-90.0	10.700	1.003	10.79
5,250,000	90.0	195.0	10.542	0.729	118.285	195.0	10.542	8.673	103.28	90.0	8.011	-2.205	6.87	-90.0	10.398	0.310	9.11
5,300,000	90.0	195.0	10.253	0.410	109.897	195.0	10.253	8.352	101.07	90.0	7.869	-2.418	6.34	-90.0	10.134	-0.011	8.64
5,350,000	90.0	195.0	9.857	0.021	100.476	195.0	9.857	7.950	98.30	90.0	7.489	-2.684	6.12	-90.0	9.742	-0.374	8.56
5,400,000	90.0	195.0	9.325	-0.463	89.887	195.0	9.325	7.461	100.23	90.0	6.890	-3.189	5.66	-90.0	9.284	-0.795	8.27
5,500,000	90.0	180.0	10.887	0.767	119.320	180.0	10.887	8.922	102.67	90.0	8.066	-2.292	4.42	-90.0	10.887	0.519	7.44

Multiple Cut

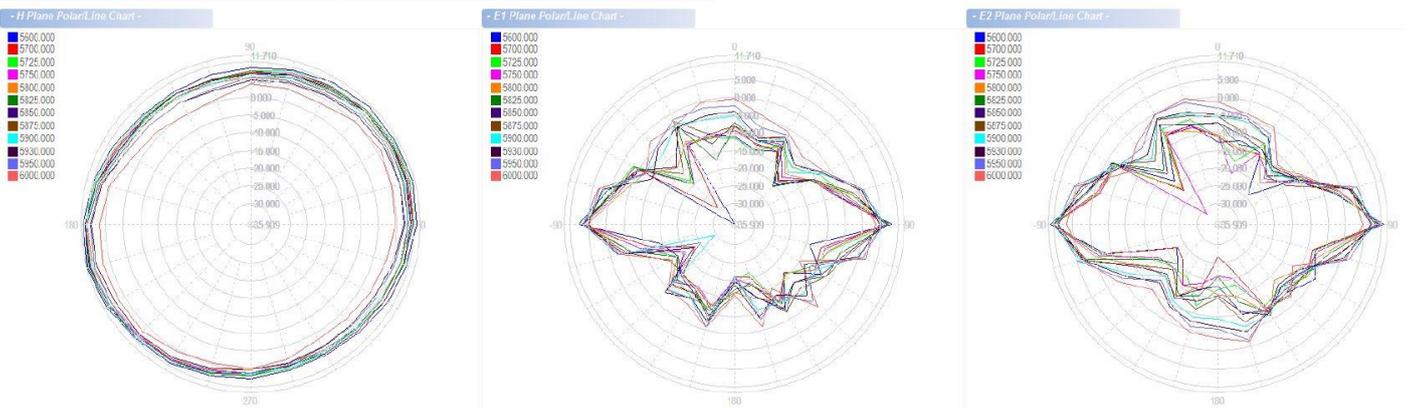
H/E1/E2 Plane



Frequency	Sum					H( $\phi=90$ )				E1( $\phi=90$ )				E2( $\phi=0$ )			
	$\theta$ [Deg]	$\Phi$ [Deg]	Max[dBi]	Avg[dBi]	EW[%]	$\Phi$ [Deg]	Max[dBi]	Avg[dBi]	BW[Deg]	$\theta$ [Deg]	Max[dBi]	Avg[dBi]	BW[Deg]	$\theta$ [Deg]	Max[dBi]	Avg[dBi]	BW[Deg]
5,600,000	90.0	195.0	11.710	1.289	133.949	195.0	11.710	9.464	96.36	90.0	8.365	-1.864	5.18	-90.0	11.189	0.887	7.75
5,700,000	90.0	195.0	10.884	0.335	108.007	195.0	10.884	8.485	94.62	90.0	7.223	-2.866	5.90	-90.0	10.329	-0.050	7.57
5,725,000	90.0	195.0	10.947	0.599	114.787	195.0	10.947	8.717	97.84	90.0	7.463	-2.449	6.91	-90.0	10.636	0.222	7.13
5,750,000	90.0	195.0	10.683	0.183	104.299	195.0	10.683	8.252	95.07	90.0	6.742	-3.231	6.73	-90.0	10.316	-0.101	7.48
5,800,000	90.0	195.0	10.072	-0.262	94.144	195.0	10.072	7.577	96.07	90.0	5.715	-3.816	8.15	-90.0	9.845	-0.414	8.42
5,825,000	90.0	195.0	11.154	0.808	120.454	195.0	11.154	8.476	92.79	90.0	7.269	-2.337	8.19	-90.0	10.593	0.534	10.20
5,850,000	90.0	195.0	11.044	0.832	121.126	195.0	11.044	8.339	92.57	90.0	6.649	-2.534	10.00	-90.0	10.593	0.696	10.76
5,875,000	90.0	195.0	10.580	0.653	116.228	195.0	10.580	7.785	94.40	90.0	6.826	-2.374	10.09	-90.0	9.956	0.449	13.83
5,900,000	90.0	195.0	10.500	1.045	127.208	195.0	10.500	7.909	101.07	90.0	6.567	-1.705	14.65	-90.0	10.265	0.555	14.08
5,930,000	90.0	195.0	8.959	0.031	100.707	195.0	8.959	6.337	100.84	-90.0	6.149	-2.400	21.21	-90.0	8.750	0.032	17.26
5,950,000	90.0	195.0	9.429	0.995	125.756	195.0	9.429	6.848	105.93	-90.0	6.123	-1.353	20.84	-90.0	9.083	1.031	24.23
6,000,000	90.0	210.0	7.088	-0.253	94.340	210.0	7.088	4.521	118.39	-90.0	4.640	-1.823	23.32	-90.0	6.384	-0.102	32.22

Multiple Cut

H/E1/E2 Plane



## 견적/기술 문의

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