

TEST REPORT

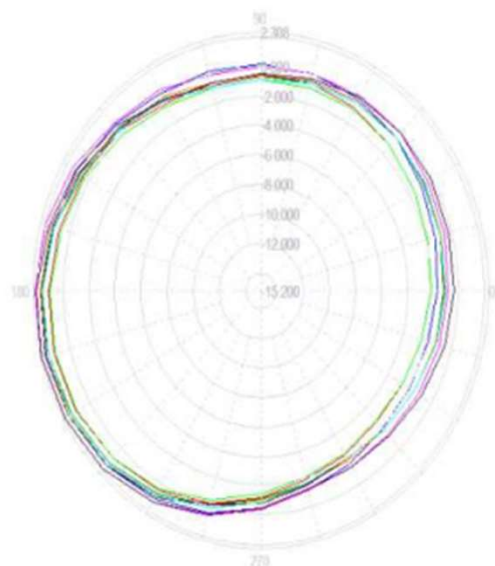
- PRODUCT: Antenna
- MODEL: FA-9030-S
- Manufacturer : KUKJAE TELESYS CO., LTD.
- Address: 124, Eutteum-ro, Deogyang-gu, Goyang-si, Gyeonggi-do, Republic of Korea
- Postal Code : 10544
- Antenna Type: External Whip Antenna
- Frequency: 900-930MHz
- Max Gain: 2.3 dBi

Data																	
Frequency	Sum					H($\theta=90$)				E1($\phi=90$)				E2($\phi=0$)			
	θ (Deg)	ϕ (Deg)	Max[dB]	Avg[dB]	E[%]	ϕ (Deg)	Max[dB]	Avg[dB]	BW(Deg)	θ (Deg)	Max[dB]	Avg[dB]	BW(Deg)	θ (Deg)	Max[dB]	Avg[dB]	BW(Deg)
902.000	90.0	195.0	1.904	-1.681	67.910	195.0	1.904	0.151	0.00	90.0	0.227	-2.110	68.84	-90.0	1.736	-2.272	53.32
905.000	90.0	195.0	1.260	-2.474	56.571	195.0	1.260	-0.521	0.00	90.0	-0.527	-2.920	68.96	-90.0	1.106	-3.045	36.17
910.000	90.0	195.0	1.150	-2.803	52.442	195.0	1.150	-0.665	0.00	90.0	-0.864	-3.251	69.37	-90.0	1.003	-3.345	34.55
917.000	90.0	195.0	2.308	-1.953	63.783	195.0	2.308	0.462	0.00	90.0	-0.043	-2.466	69.49	-90.0	2.187	-2.451	32.90
920.900	90.0	195.0	1.864	-2.530	55.851	195.0	1.864	0.019	0.00	90.0	-0.595	-3.072	69.35	-90.0	1.748	-2.997	32.21
921.700	90.0	195.0	1.765	-2.659	54.216	195.0	1.765	-0.101	0.00	90.0	-0.648	-3.209	67.65	-90.0	1.667	-3.119	32.20
923.100	90.0	195.0	1.881	-2.624	54.853	195.0	1.881	-0.013	0.00	90.0	-0.659	-3.096	69.07	-90.0	1.695	-3.075	32.05
923.500	90.0	195.0	1.835	-2.664	54.151	195.0	1.835	-0.042	0.00	90.0	-0.715	-3.146	69.29	-90.0	1.672	-3.115	32.03
925.000	90.0	195.0	1.759	-2.774	52.791	195.0	1.759	-0.093	0.00	90.0	-0.834	-3.283	69.02	-90.0	1.610	-3.227	31.59
928.000	90.0	195.0	2.272	-2.382	57.784	195.0	2.272	0.379	0.00	-90.0	-0.499	-2.950	116.03	-90.0	2.126	-2.795	31.37

Multiple Cut

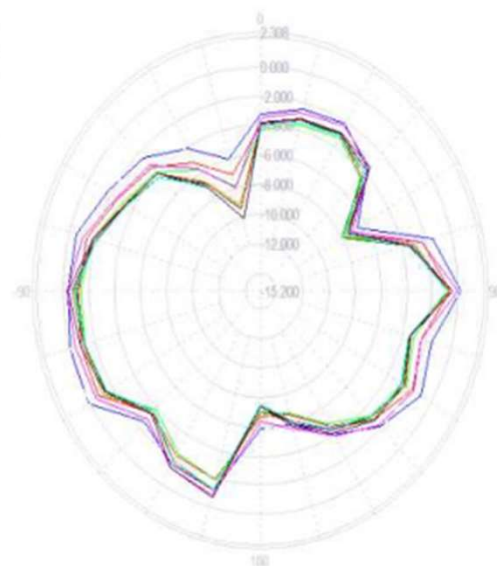
H Plane PolarLine Chart

902.000
905.000
910.000
917.000
920.900
921.700
923.100
923.500
925.000
928.000



E1 Plane PolarLine Chart

902.000
905.000
910.000
917.000
920.900
921.700
923.100
923.500
925.000
928.000

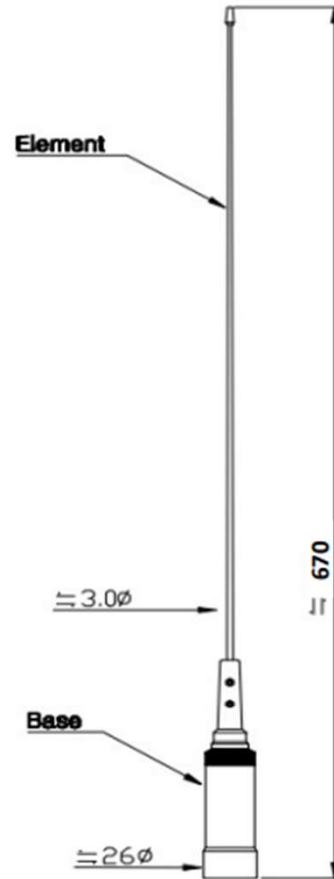


Model Name : FA-9030-S (External Whip Antenna)

ELECTRICAL SPECIFICATIONS	FA-9030-S
Frequency Range (MHz)	900-930
Input Impedance	50 Ω
Gain (Max)	2.3dBi
V.S.W.R (Min)	1.5:1

MECHANICAL SPECIFICATIONS	FA-9030-S
Antenna Size (Length $\times$ Diameter)	670x26mm
Connector	M
Weight	195 g

FA-9030-S



No.	REVISION RECORD	CHANGE PART

모델명	주파수(MHz)	이득(dbi)
FA-9030-S	900~930	2.3