

Aspen COMBO Antenna Specifications

Description



The Combo External antenna designed for VC6096 ASPEN Project.

For easy installation the Combo antenna support two RF panel connector.

The Combo antenna Port 1 (SMA) covers all GSM and UMTS Band 824-960MHz and 1710-2170MHz.

Port 2 (RRSMA) covers 802.11a/b/g, 2.4-2.5GHz and 5.15-5.825GHz. for all WLAN applications.

The Combo antenna use very low loss RF cable, The maximum length is 3 meters.

Combo Antenna

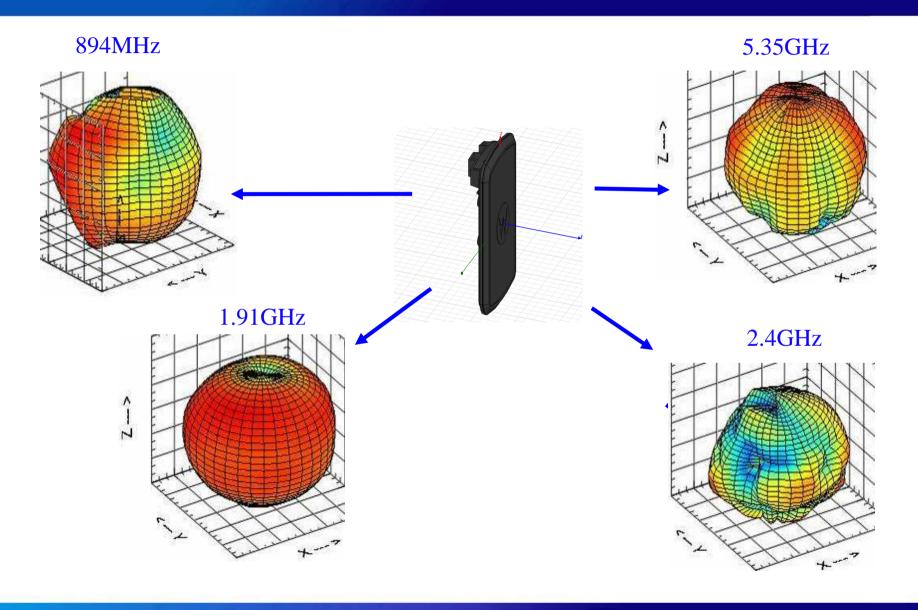


SPECIFICATION OF COMBO ANTENNA COMPRISED 3 METERS COAX CABLES

Antenna	Antenna #1			Antenna #2	
Radio Type	GSM+UMTS (Port-1)			WLAN a/b/g (Port-2)	
Radio Band	850/900	1800/1900	2100	802.11b/g	802.11a
3D max. Peak Gain (dBi)	2.7/2.4	1.5/0.5	0.5	2.3	1.5
VSWR Max. Ant Ports	2.5:1			2.5:1	
Polarization	LV & LH			LV & LH	
Radiation Pattern	Omni Directional			Omni Directional	
Min. Isolation (dB) antennas port	S21=32			S12=32	
Connector Type	SMA			R-R-SMA	

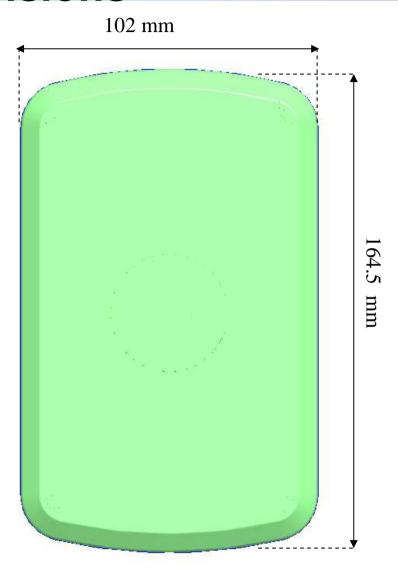
RADIATION PATTERN

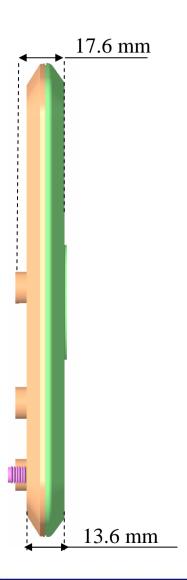




Combo Antenna General Dimensions







Combo Antenna Assembly



