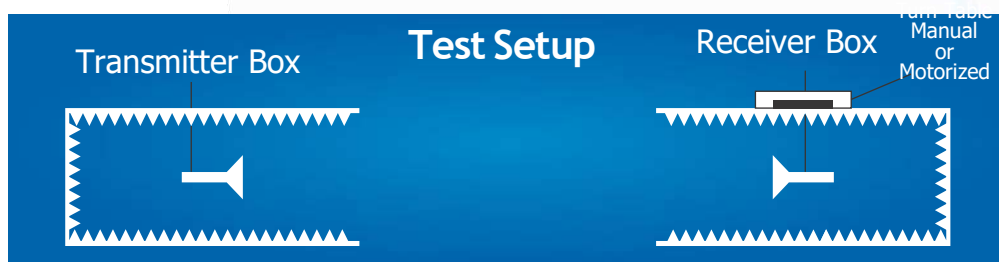


## ANTENNA MEASUREMENT SETUP PORTABLE RF ANECHOIC CHAMBER

Scientist and Engineers involved in Research and Testing of RF components like Antennas, sometime needs small setup which may be easily portable and effective. Two detachable Anechoic Boxes are manufactured having pyramidal and wedge-shaped RF absorbers on floor, roof and three walls leaving one side open. Two boxes with similar configuration are joined together with locking mechanism. After Testing of Equipment Under Test, two Anechoic Boxes can be separated, Light weight solution with wheels at the bottom makes it most acceptable Test facility at Engineering Colleges and Universities and also at production houses involved in manufacturing small Wi-Fi Antennas, Patch Antennas and systems etc.

### ABSORBERS PERFORMANCE

1. Reflectivity by IEEE 1128-1998 Standards
2. Fire Retardancy as per IEEE 1128-1998 Standards.



## **Automatic Turn Table for DUT/ Antenna Testing**

### **Antenna Measurement Software:-**

- 2D, 3D Radiation Pattern.
- Gain.
- Axial Ratio.
- 'S' Parameters.

Sl.No.	Model No.	Qty.	Size of each boxes (LxBxH)	Frequency Band	Reflectivity	Shielding Effectiveness
1	AB11	02 Boxes	1x1x1m	800MHz – 3GHz	-30dB to -40dB	>-50dB
2	AB21	02 Boxes	1x1x1	2.4 GHz	>-40dB	>-50dB
3	AB31	02 Boxes	1x1x1	800MHz – 6GHz	-30dB to -40dB	>-50dB
4	AB41	02 Boxes	1x1x1	2GHz – 18GHz	-35dB to -45dB	>-50dB
5	AB51	02 Boxes	1x1x1	800MHz -40GHz	-30dB to -48dB	>-50dB
6	AB61	02 Boxes	1x1x1	8GHz – 18GHz	-42dB to -48dB	>-50dB
7	AB71	02 Boxes	1x1x1	26GHz – 40GHz	-46dB to -50dB	>-50dB
8	AB81	02 Boxes	1x1x1	40GHz – 50GHz	-46dB to -50dB	>-50dB
9	AB91	02 Boxes	1x1x1	40GHz – 70GHz	-46dB to -55dB	>-50dB
10	AB100	02 Boxes	1x1x1	70GHz – 110GHz	-40dB	>-50dB
11	AB101	02 Boxes	As per customer requirement	Depends upon frequency and dimension of antenna under tent		

\***Note:** - Size of Anechoic chamber from SI No. 1 to SI No. 10 is 2x1x1 (L x W x H).