

CHENNAILAB®

An ISO 9001:2015 Certified Company

POLYURETHANE WEDGE ABSORBERS

» Premium Quality
» Excellent Performance
» Multiple Colour Options

FOR ANTENNA TEST CHAMBERS

High performance Microwave Wedge Absorbers for Antenna, RADAR, Radome test chambers with wide frequency range of operation from 500 MHz to 100 GHz.

Chennailabb Polyurethane Wedge Absorbers are mainly used in Antenna test chambers, Compact range and GTEM cells. C-LABB-PU-WG-MI series microwave wedge absorbers provide excellent performance in normal incidence and off angle incidence in test chamber.

FEATURES

- Broadband Frequency Range of Operation from 500 MHz to 100 GHz
- Power Handling Capacity of 1.5 kW/m², 540 V/m CW Radiated Field Strength
- Fire Retardant as per NRL-8093 tests 1, 2, 3, UL 94 and DIN4102-B2
- Continuous Working Temperature of up to 90°
- Made of Environment friendly raw material, it does not emit toxic gas
- Almost zero carbon dust, clean test site and very Low Maintenance required
- Long product life with excellent Electrical Performance

TYPICAL REFLECTIVITY AT NORMAL INCIDENCE OVER FREQUENCY RANGE IN - dB

MODEL NUMBER	500 MHz	1 GHz	3 GHz	6 GHz	10 GHz	18 GHz	40 GHz	100 GHz
C-LABB-PU-WG-MI-200		25	32	35	42	48	50	45
C-LABB-PU-WG-MI-300		30	38	45	48	50	50	45
C-LABB-PU-WG-MI-500	20	35	43	50	50	50	50	45
C-LABB-PU-WG-MI-700	25	40	50	50	50	50	50	45

NOTE : Values shown are based on testing of laboratory test product and represent data that falls within normal range purposes. Construction standards and absorber mounting procedure defines accurate results. The given information is based on data and knowledge considered to be true and accurate and is offered for the user's consideration, investigation and verification but we don't warrant the results to be obtained.

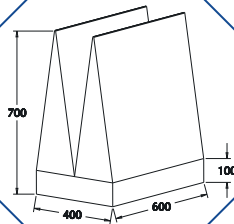
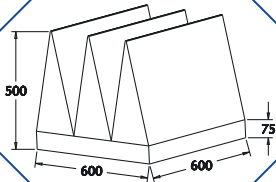
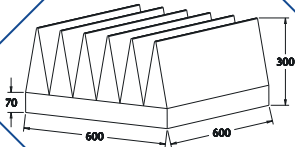
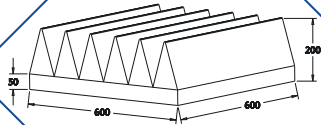
PHYSICAL PROPERTIES (in mm)

MODEL NUMBER	Overall Width	Overall Height	Base Thickness	Tip Base Width	No. of Tips	Overall Weight in Kg
C-LABB-PU-WG-MI-200	600 x 600	200	50	100	6	2.88
C-LABB-PU-WG-MI-300	600 x 600	300	70	100	6	3.60
C-LABB-PU-WG-MI-500	600 x 600	500	75	145	3	5.40
C-LABB-PU-WG-MI-700	600 x 400	700	100	200	2	3.76

COLOUR OPTIONS



DIMENSIONS



Standard Colours are Blue and Unpainted Black. MOQ 300 pcs for other colour options.