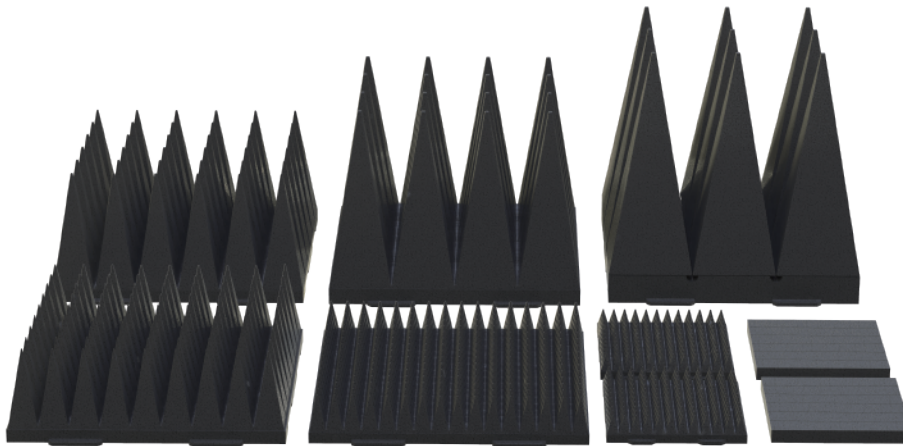


EPP Broadband Absorber

Use for RF, EMC, OTA, CATR, radar, aerospace, aviation, automotive, communication, satellite, semiconductor, antenna, EM, broadband anechoic chamber, to bring users more comfortable and high quality experience.

- Snap fit design for quick installation and correct alignment, stackable, impact resistible
- Low moisture absorbability and high humidity environment suitability
- Dust-free process ensures a clean environment Class level 8
- NRL 8093, UL94 HBF, ISO 4589-2 compliance
- RoHS & REACH compliance



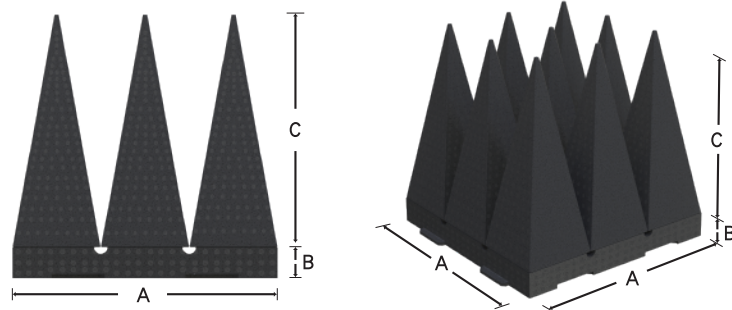
Characteristics

Item	Description	Reference
Operation temperature (°C)	-15 to +60	IEC 60068-2-1
Humidity range (%)	30 to 70	AATCC 30-IV
Power density susceptibility (V/m)	750	DO-160, IEC 61000-4-3
ESD susceptibility (kV)	16	IEC 61000-4-2
ISO dust-free (Class)	8, Class 100,000	ISO 14644-1, STD 209E
Waterproof rating	IPX5	IEC 60529
Fire-retardant performance	Compliance	UL94 HBF ISO 4589-2 NRL 8093 Test 1 and 3
RoHS	Compliance	EU 2015/863 (RoHS 2.0)
REACH	Compliance	EC 1907/2006



Atenlab Corporation

6F., No.8, Aly.15, Ln.120, Sec.1, Neihu Rd., Neihu Dist., Taipei City 114, Taiwan
 T : +886 2 2799 8715 F : +886 2 2799 8915 E : atenlab@atenlab.com.tw



Physical Properties

Unit : cm, ±10%

Model	Dimension (AxA)	Base height (B)	Cone height (C)	Height(B+C)	Number of cones
AB-X503	30 x 30	3.0	0	3.0	Plate
AB-X106	30 x 30	2.0	4.0	6.0	144(12x12)
AB-X110	60 x 60	2.0	8.0	10.0	256(16x16)
AB-X120	60 x 60	3.0	17.0	20.0	81(9x9)
AB-X130	60 x 60	3.0	27.0	30.0	36(6x6)
AB-X145	60 x 60	4.0	41.0	45.0	16(4x4)
AB-X160	60 x 60	7.0	53.0	60.0	9(3x3)

Reflectivity

Unit : dB, ±10%

Model	0.3GHz	0.45GHz	0.8GHz	1GHz	3GHz	6GHz	10GHz	18GHz	40GHz
AB-X106	-2	-3	-5	-8	-18	-28	-35	-38	-45
AB-X110	-3	-5	-12	-15	-25	-35	-40	-45	-50
AB-X120	-5	-10	-17	-20	-30	-40	-45	-48	-50
AB-X130	-6	-17	-25	-30	-40	-45	-48	-50	-50
AB-X145	-10	-25	-32	-38	-45	-48	-50	-50	-50
AB-X160	-20	-28	-35	-40	-48	-48	-50	-50	-50

