

Broadband Pyramidal Absorber



Description

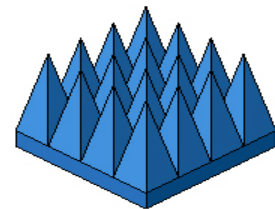
RF absorber is utilized to reduce reflections within an RF shielded enclosure

Features

Standard sizes are: AEP-4 to AEP-48 and AEP-72 to AEP-96
 Standard attachment is adhesive, AEP-4 to AEP-18 can optionally use Velcro attachment

AEP-4 to AEP-48

Absorbing materials are based upon a conventional pyramid having a square base with uniform base thickness, tapered to a point



AEP-72 to AEP-96

absorbing materials are based upon a unique geometry with the peak twisted 45 degrees so that there are alternate peaks and valleys, increasing performance and reducing the mismatch at the base transition



Specifications

Materials: Homogeneous carbon impregnated open cell polyurethane foam

	Thickness in inches	Pyramid Blocks	Absorber @ Normal Incidence								Power Watt/ in2	Weight per ft2 lbs	
			@ 125 MHz	@ 250 MHz	@ 500 MHz	@ 1 GHz	@ 3 GHz	@ 6 GHz	@ 10 GHz	@ 15 GHz			@ 13 GHz
			dB	dB	dB	dB	dB	dB	dB	dB			dB
AEP-4	4	144					30	35	40	45	50	0.5	1
AEP-6	6	64					33	37	40	50	50	0.5	1
AEP-8	8	64				30	37	45	50	50	50	0.5	1.22
AEP-12	12	36				35	40	45	50	50	50	0.5	2
AEP-18	18	16			30	37	45	50	50	50	50	0.5	3
AEP-24	24	9		30	35	40	50	50	50	50	50	0.5	3.5
AEP-36	36	4		32	37	42	50	50	50	50	50	0.5	6.5
AEP-48	48	4	28	35	40	45	50	50	50	50	50	0.5	7.5
AEP-72	72	1	33	37	43	48	50	50	50	50	50	0.5	12
AEP-96	96	1	35	40	45	50	50	50	50	50	50	0.5	15