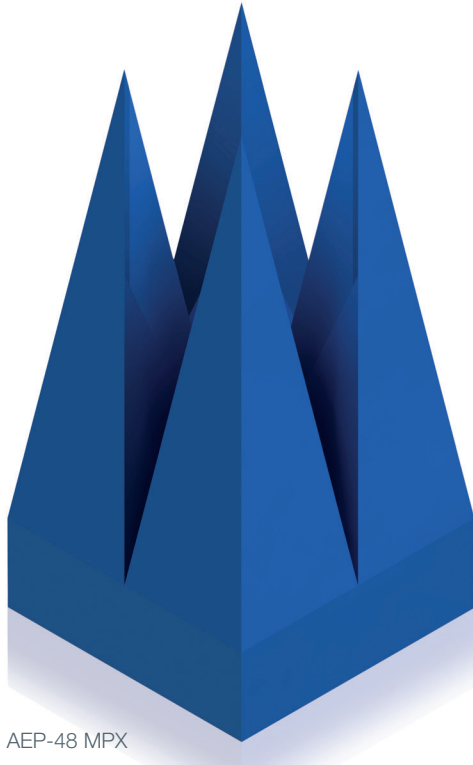
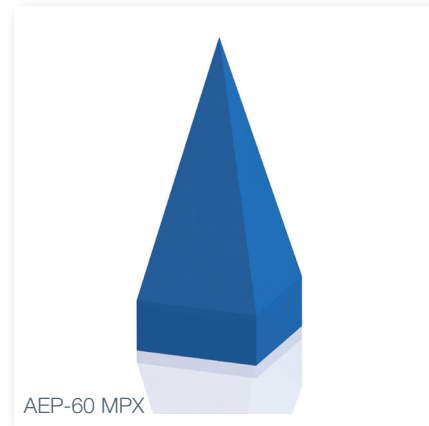


Medium Power Hollow Absorbers

AEP MPX Series



AEP-48 MPX



AEP-60 MPX



- Medium power handling
- Light weight hollow construction

SOLUTION FOR

Lightweight structural requirements of test chambers for various applications.

Main features

- Excellent absorption over a broad frequency range
- Handles medium power
- Light weight due to the hollow construction
- Fire retardancy per NRL-8093-1,2,3

Product Configuration

Shape

- Conventional pyramid: AEP-36 to AEP-60

Frequency band

- From 30 MHz to 18 GHz

Standard base size

- 2'x2' (60.96 cm x 60.96 cm)

Height

- 36" to 60" (76.2 cm - 152.4 cm)

Operating conditions

- Temperature: 70° F +/- 10° (21° C +/- 3°)
- Relative humidity: 55% RH +/- 15%

Indoor/outdoor

- Indoor
- Outdoor (with rubberized coating)

The AEP-MPX is a broadband, hollow pyramidal shaped absorber. It is made of carbon-loaded polyurethane foam and is light weight due to the hollow construction. This shape and construction allows for excellent impedance matching and minimized reflection. The AEP-36 MPX to AEP-60 MPX absorbers are a conventional pyramid with a square base of uniform thickness, tapered to a point.

Specifications

Mechanical Characteristics

		AEP-36	AEP-48	AEP-60
Height	in	36	48	60
	cm	91.4	122	152.4
Pyramids	Per block	4	4	1
Power	kW/m ²	1.5	1.5	1.5



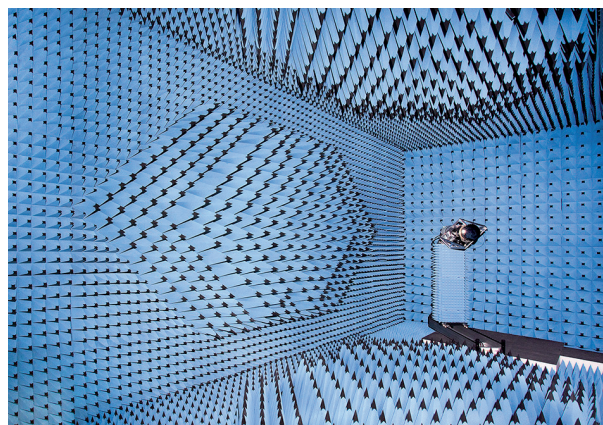
Increase durability & lifespan by adding our rubberized coating!

Reflectivity Characteristics

REFLECTIVITY	AEP-36	AEP-48	AEP-60
@ 70 MHz			25
@ 125 MHz	15	28	35
@ 250 MHz	32	35	45
@ 500 MHz	37	40	45
@ 1 GHz	42	45	50
@ 3 GHz	50	50	65
@ 6 GHz	50	50	65
@ 10 GHz	50	50	65
@ 15 GHz	50	50	65
@ 18 GHz	50	50	65

ORDERING CODE

AEP-XX MPX, where XX designates absorber height in inches



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