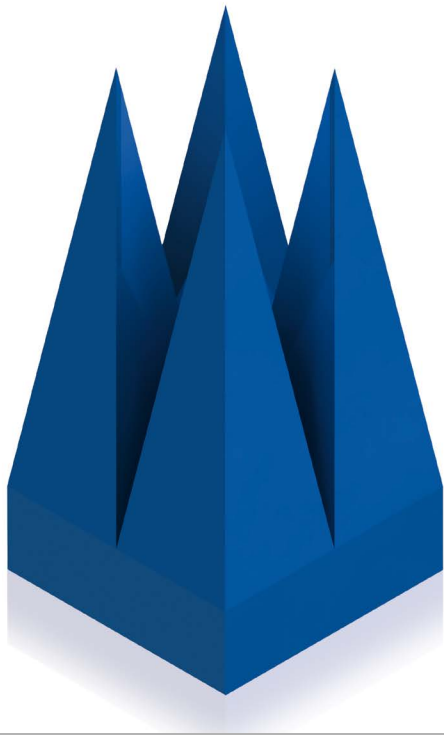
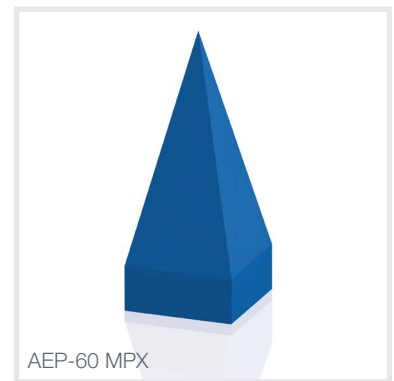


Medium Power Hollow Absorbers - MPX Series



AEP-48 MPX



AEP-60 MPX

SOLUTION FOR

**Lightweight structural requirements
of test chambers for various applications.**

Main features

- High heat dissipation through natural convection or forced air ventilation
- Handles 1.5 kW/m²; higher power handling capabilities with forced air
- 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 40 GHz

Standard base size

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

Height

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

Operating conditions

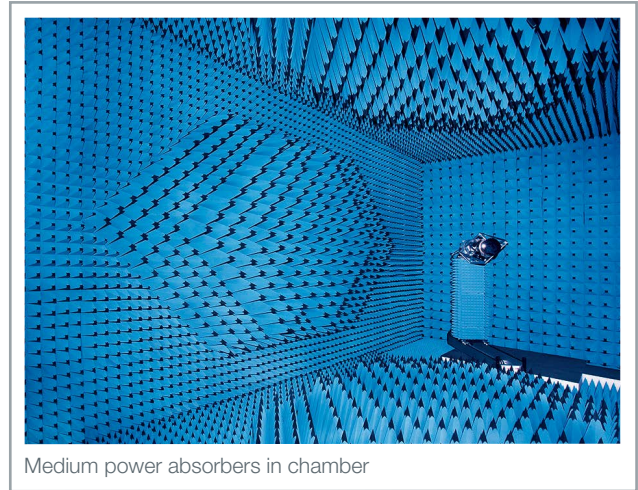
- Temperature: 70° F +/- 10° (21° C +/- 3°)
- Relative humidity: 55% RH +/- 15%

Indoor/outdoor

- Indoor
- Outdoor

Description

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. The maximum power handling of the MPX absorbers is 1.5 kW/m² without air circulation and can be increased with an air circulation.



Medium power absorbers in chamber

ORDERING CODE

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

Specifications

		AEP-24-MPX	AEP-36-MPX	AEP-48-MPX	AEP-60-MPX
Height	in	24	36	48	60
	cm	61	91.4	122	152.4
Pyramids	per block	9	4	4	1
Absorption @ Normal Incidence	@ 70 MHz				25
	@ 125 MHz		15	28	35
	@ 250 MHz		32	35	45
	@ 500 MHz	32	37	40	45
	@ 1.0 GHz	40	42	45	50
	@ 3.0 GHz	45	50	50	65
	@ 6.0 GHz	50	50	50	65
	@ 10.0 GHz	50	50	50	65
	@ 15.0 GHz	50	50	50	65
	@ 18.0 GHz	50	50	50	65
@ 40.0 GHz	50	50	50	65	
Power	kW/m ²	1.5	1.5	1.5	1.5



Contact your local sales representative for more information
www.mvg-world.com/absorbers
salesteam@mvg-world.com