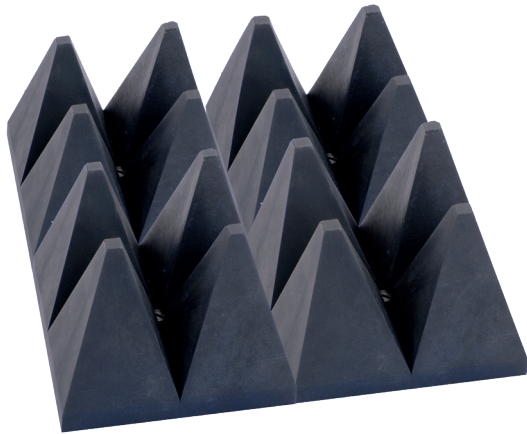


# WIDE BAND HYBRID PYRAMID EM ABSORBERS 3630

For the construction of a small anechoic chamber to get a larger space than one could build with pyramid-shaped absorbers



The 3630 series Wide-band hybrid pyramid EM absorber is an 80 mm high absorber that measures 200 mm x 200 mm. It shows good absorption performance in the wide band between 30 MHz and 18 GHz when combined with 6.3 mm thick Ferrite absorber tiles (Part nr. 3600-63). The hybrid pyramid absorber is made out of a carbon-loaded polystyrene and is tuned for perfect performance over Ferrite absorber tiles.

Due to this special characteristic, the product is suitable for building a small anechoic chamber to get a bigger space than build with form pyramidal absorber. Also, it can increase the frequency from 1GHz to 18GHz as compared to a standard anechoic chamber that only has Ferrite absorber tiles.

## STRUCTURE & SPECIFICATIONS

Color	Dark gray
Shape	Pyramid
Main material	Ferrite powder
Power Handling Capacity	1.8 kW/m <sup>2</sup>
Max service temperature (°C)	150
Fire retardance	Non-flammable

## PART NUMBERS AND DIMENSIONS

Part number	Pyramid quantity per unit	Unit size A * C * B (mm x mm x mm*)	Standard weight (kg/m <sup>2</sup> )	Type
3630-80	16	200 x 200 x 80	2.11	Single unit
3630-250	4	200 x 200 x 250	3.24	

## ORDER EXAMPLE

Series	Type
<b>3630</b>	<b>80</b>

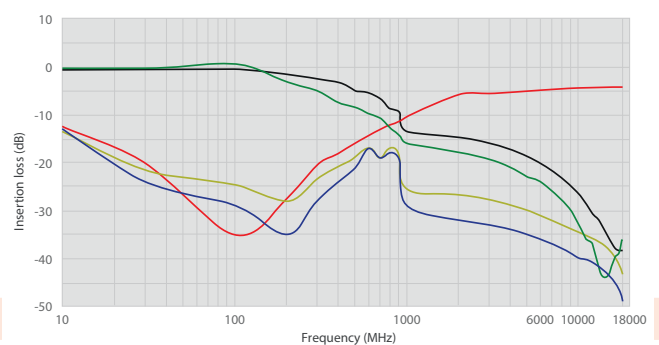
## FEATURES

- Performs very well in wide band (30MHz to 18GHz)
- Small size (200 x 200 x 80mm)
- Long service life
- Only 8 cm high, so room space can be used efficiently
- So strong that an adult can stand on it
- Does not deteriorate even if it gets wet
- 10 times more durable than conventional products
- By slant molding, stable quality is assured
- Easy to install on wall surfaces without adhesives being required

## APPLICATIONS

- Electromagnetic-wave anechoic chambers
- Compact EM-wave anechoic chambers
- Floor-type electromagnetic-wave absorbers
- Installation on shielded doors
- Suitable for EMS high-power irradiation test
- Suitable for small anechoic chamber (approximately 3 meters)
- Anechoic chambers for antenna
- For actual use in various GHz bandwidth

## SHIELDING PERFORMANCE



■	3600 - ferrite tile
■	3630-80 - hybrid pyramid absorber
■	3630-250 - hybrid pyramid absorber
■	3600 - ferrite tile + 3630-80 - hybrid pyramid absorber
■	3600 - ferrite tile + 3630-250 - hybrid pyramid absorber