

## Radio Wave Absorbers for High Power Handling

**Excellent for the inner walls of anechoic chambers that require high power tolerance and broadband performance.**

The electromagnetic energy absorbed by the radio wave absorber is converted into heat energy. It is necessary for the absorber to withstand high RF power without the risk of burning, while also maintaining a constant electrical performance at these elevated temperatures.

Magnetic wave absorbers change their characteristics greatly at the Curie point, so dielectric wave absorbers are suitable from this point of view. HP-3 and HP-26 are newly developed pyramid-shaped power-resistant radio wave absorbers that use an inorganic base material.

Superior absorption performance can be obtained from low frequencies compared to conventional products, and forced air cooling is not required.



HP-3



HP-3 / HP-26

	HP-3	HP-26
Reflection	>2.4GHz / -20dB	1GHz or higher / -30dB, 20GHz or higher / -50dB
Resistance	1W/cm <sup>2</sup> or more	1W/cm <sup>2</sup> or more
size	7.5 x 7.5 x 7.5cm	20x20x66cm
shape	pyramid	hollow pyramid
weight	130 g / piece	3.1kg/piece
Mounting	Mechanical lock method	Mechanical hook method

\*Specifications of radio wave absorbers are subject to change without notice.