EC-SORB® HPG-12

CRFE
CORNES RF ENGINEERING

Radio Absorber for High Endurance Power

High-Power Electromagnetic Absorbers

Most conventional absorbers are made of organic materials, posing a critical fire risk under high-power exposure. To address this safety hazard, our advanced solutions utilize inorganic materials to ensure ultimate heat resistance and safety. With the addition of our latest lightweight, flexible model, we deliver the perfect balance of extreme power endurance and easy installation.

Key Features

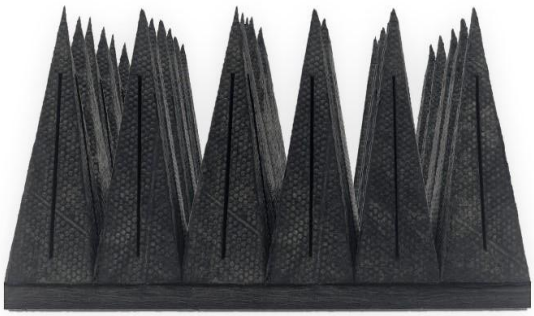
Ultimate High-Power Endurance Our specialized inorganic lineup offers robust reliability, completely eliminating the thermal decomposition and ignition risks commonly found in organic absorbers.

Innovative Lightweight & Flexible Design (HPG-12) Developed specifically for easy handling, the HPG-12 combines non-combustible inorganic glass-wool with a minimal organic binder to create a highly flexible, lightweight absorber.

100% Non-Combustible Safety (HP-26 / HP-3) Made entirely of inorganic materials, these models generate no flammable gases and will not burn even under extreme electromagnetic wave exposure and high temperatures.

HPG-12

Size ; 600 x 600 x 300(H) mm (Standard)
; 300 x 300 x 300(H) mm (Small ver.)
Tolerance ; 600(-0/+5mm), H300(-0/+15mm)
Pyramid # ; 6 x 6 (Standard) / 2 x 2 (Small ver.)
Weight ; 2.5 kg (Standard)
Flame retardance ; equivalent UL94V-0
Endurance Power ; more than 1.5W / cm^2



Absorbing Performance

1GHz	3GHz	5GHz	9GHz	18GHz
30dB	35dB	35dB	42dB	45dB

Installation Options ;
It can be mounted directly onto walls using adhesive, or delivered pre-attached to punched metal upon request.

Remark ;
The heating area and the temperature of the absorbers depend on the frequency of the radiated waves and the operating environment. Please consult with us regarding your specific application and conditions.
Also the parameters may change without advance notice.

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Feedback Us!