

DIAMOND
MICROWAVE
CHAMBERS LTD



High Power Handling
Silicon Carbide
Absorber

////// www.dmcraf.com

FOR HIGH POWER APPLICATION

High power Silicon carbide pyramid absorber is made of inorganic sintered material resistant to high power. It is commonly used in high power absorbing test chambers and comprehensive tests for high power airborne antenna. It has power resistance of at least 30 kW/m². In addition, the silicon carbide material has good thermal conductivity and good applicability in vacuum. It can be applied to antenna tests under high vacuum environments, such as satellite antenna measurement.

FEATURES

- Made of inorganic sintered material
- Can be easily installed with the metal T-shaped slot on base plate
- It's highly reliable
- Power handling capacity of at least 30 kW/m²

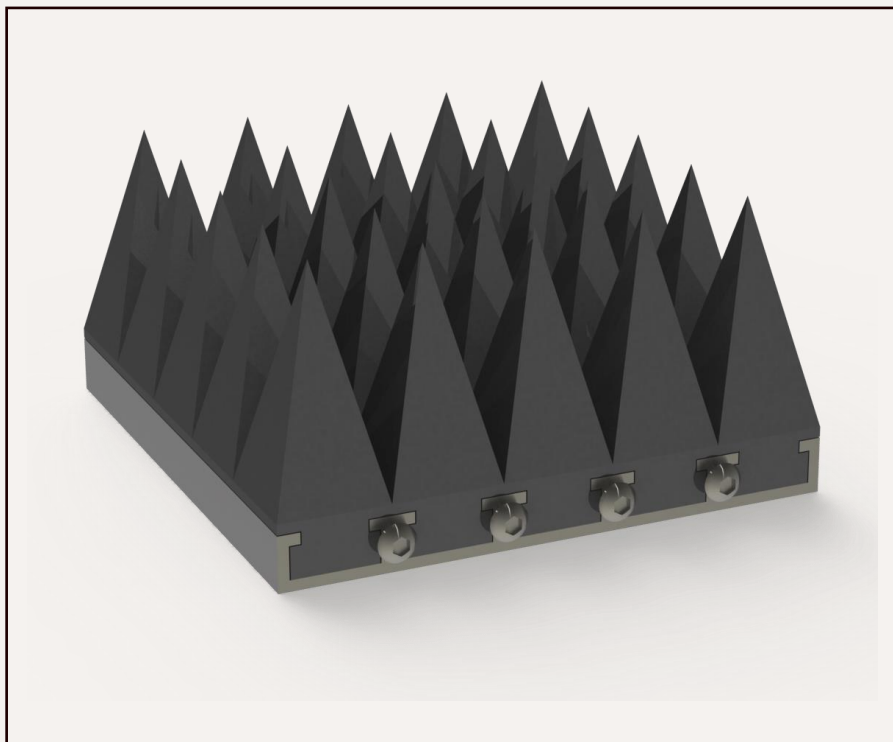
Physical Properties

Model Number	Height in mm	Weight in Kg/m ²
DMC-SC-PY-MI-50	50	40
DMC-SC-PY-MI-90	90	60
DMC-SC-PY-MI-200	200	150

Typical Reflectivity performance in -dB

Model Number	4-8 GHz	8-12 GHz	12-18 GHz	18-26 GHz	26-40 GHz
DMC-SC-PY-MI-50	20	25	30	35	40
DMC-SC-PY-MI-90	30	35	40	40	40
DMC-SC-PY-MI-200	32	37	42	42	42

Picture



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