

5796 - Rubber pyramid absorber

Absorbs electromagnetic radiation between 1 and 40 GHz. Between the 6 dB and 25dB depending on the particular frequency range.

Features

Frequency: 1 - 40GHz

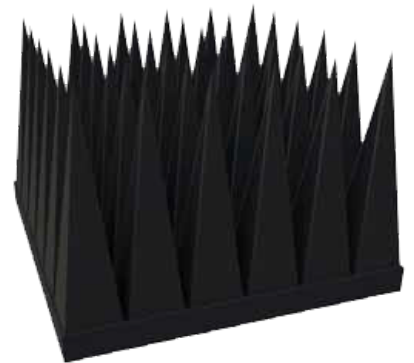
Temperature resistance characteristics: -50°C - 150°C

Environment: it can be applied in any extreme environment

Power handing capacity: above 2kW/sqm

Absorption performance: it can fulfill broadband absorption in 1 - 40GHz

Application: antenna side-lobe absorption, RT antennas isolation etc

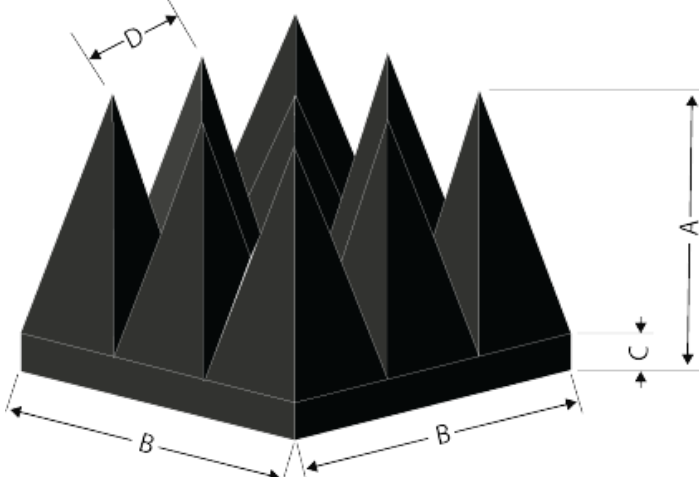


Example image of 5796 series Rubber pyramid absorber



5796 series Rubber pyramid absorber can be combined with 5795 series Rubber flat narrowband absorber

Schematic diagram of rubber pyramid absorbers



Schematic diagram of rubber pyramid absorbers

Product specification and performance

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Part number	Thickness mm	Weight Kg/m ²	Max reflection loss under vertical incidence (-dB)						
			1GHz	2GHz	4GHz	6GHz	10GHz	18GHz	40GHz
5796-5	5	4				6	10	15	23
5796-10	10	8			8	12	18	22	28
5796-15	15	10		6	12	17	20	26	30
5796-20	20	13	8	10	15	23	26	28	30
5796-40	40	18	10	13	19	23	28	30	25

*These values are measured under laboratory conditions.
In your situation results may differ, please read our Guarantee*

Please note: it can be customized as per request.

Series Height (mm)

5796

Specify the height of the desired absorber in mm