

HONEYCOMB ABSORBER FAS-12-HC AND FAS-25-HC

FEATURES:

- ❖ Honeycomb absorber is fabricated in poly carbonate based honeycomb core.
- ❖ It is light weight with high mechanical strength.
- ❖ Its power handling capacity is high.
- ❖ The honeycomb absorber can have a uniform coating to optimize insertion loss (FAS-12-UC and FAS-25-UC) or a graded coating to optimize reflection loss (FAS-12-HC and FAS-25-HC).
- ❖ Honeycomb absorbers are available in two thickness i.e. 0.5 inch and 1 inch namely FAS-12-HC and FAS-25-HC respectively.
- ❖ Standard size is 300 mm X 300 mm.
- ❖ Standard color of the sheet is black.
- ❖ Guaranteed effective frequency range is from 8GHz onwards.

AREAS OF APPLICATION:

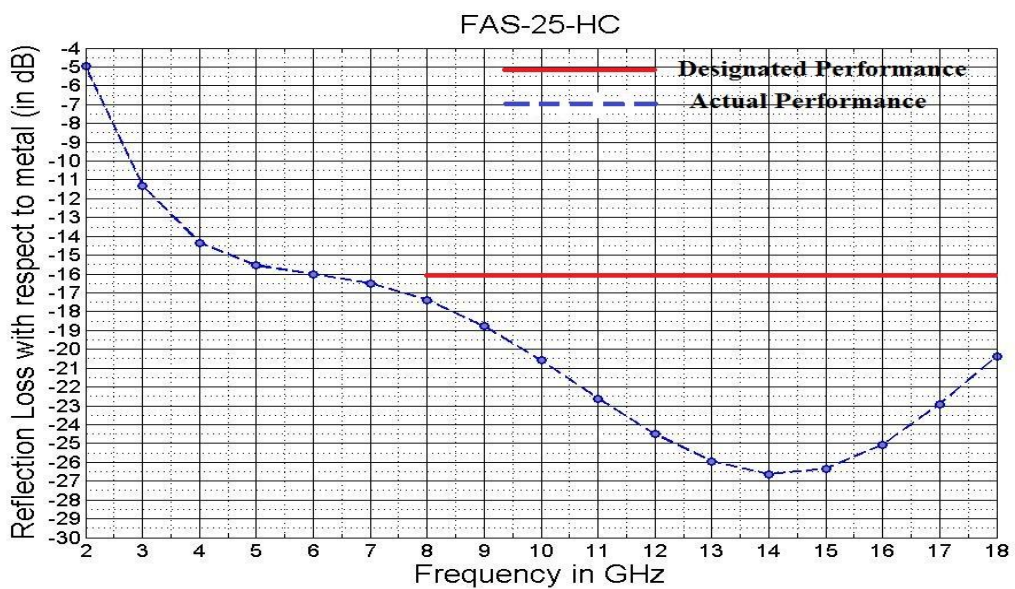
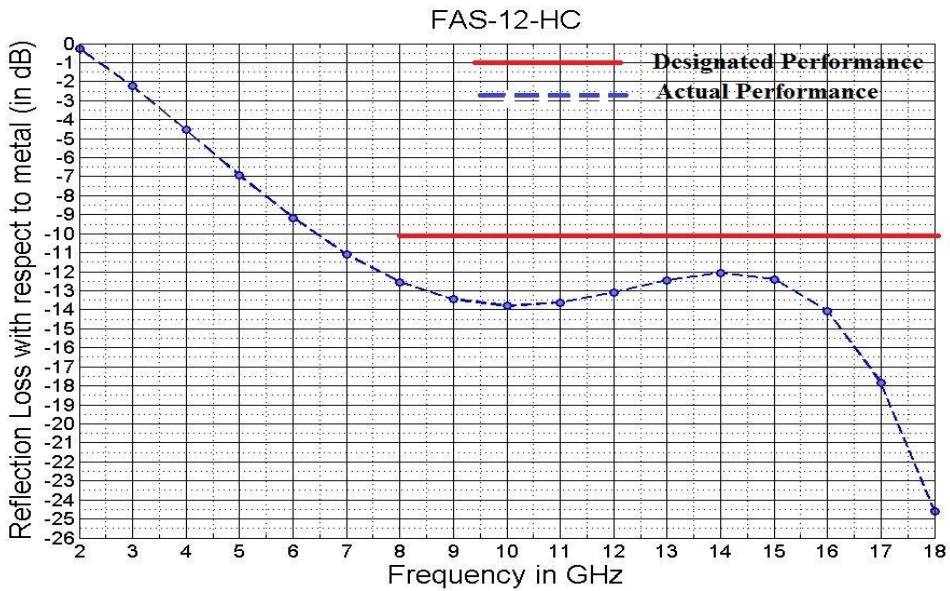
- ❖ Honeycomb absorbers are used as "lossy" loads in spiral antennas and high power antenna couplers.
- ❖ Honeycomb absorbers are used with laminated skins to manufacture radar absorbing structural (RAS panels and components conforming aerodynamic requirements).

INSTRUCTIONS FOR USE:

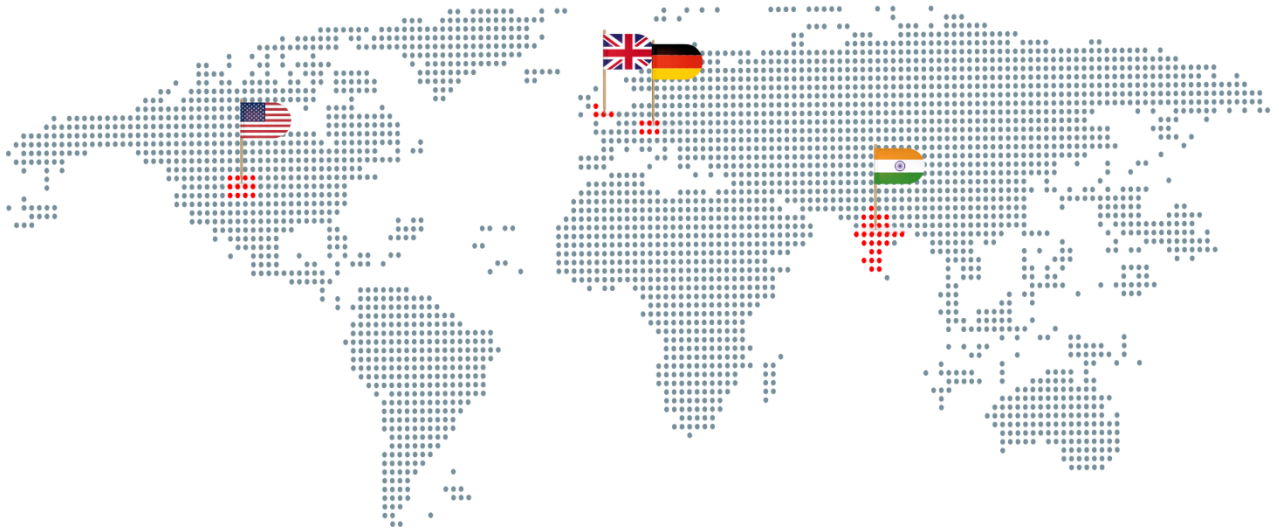
- ❖ Honeycomb absorber should be immediately back the metal surface. The back surface of absorber which needs to be pasted to metal will be marked with white cross sign.

TYPICAL PERFORMANCE GRAPH:

- ❖ Guaranteed performance of Honeycomb absorbers are as follow.
FAS-12-HC: -11dB reflection loss from 8 to 18GHz
FAS-25-HC: -17dB reflection loss from 8 to 18GHz
- ❖ Typical reflection performance graph of FAS-12-HC and FAS-25-HC between 2 to 18GHZ is as follows.



GLOBAL PRESENCE



LASER CUTTING RF & Microwave
MARKING Medical Devices
WELDING Hi-Tech Software
 Diamond Processing
 Renewable Energy
 Cleaning
 Scribing / Dicing
 Automations

DEFENCE & AEROSPACE
MICRO MACHINING

SLTL'S STRENGTH

<p>Experience</p> <p>34+ Years</p>	<p>Mfg. Plants</p> <p>6 Laying Over</p> <p>54000 Sq. mtr.</p>	<p>10%</p> <p>Yearly R&D</p>	<p>Exports</p> <p>40+</p> <p>Countries</p>
<p>15000+</p> <p>Systems</p>	<p>ISO</p> <p>9001-2015</p>	<p>26+</p> <p>Patents</p>	<p>29+</p> <p>Awards</p>

Fiber laser cutting machine
WORLD'S FIRST

Successfully installed
 More Than **15000** Systems

CE An ISO 9001:2015 Certified Company
Sahajanand Laser Technology Ltd. (SLTL Group)
 E-30, Electronic Estate, G.I.D.C., Sector - 26,
 Gandhinagar - 382 028, Gujarat, India.
 Tel : +91-79-6170-1616 | Fax : +91-79-2328-7470

+91-90-9907-1094 | microwave@SLTL.in



Scan to Visit
www.SLTLmicrowave.com