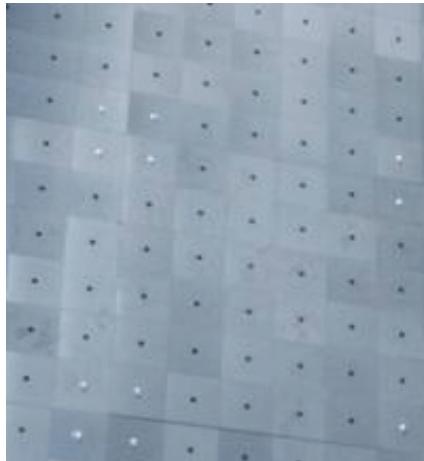


# ABSORBER MODEL FT-1500, FT-1500C



Model FT-1500 Ferrite Tile

## MODEL FT-1500

- 30 MHz to 1000 MHz
- Precision Machined Tiles
- Easy to Install and Remove
- Applications: ANSI C63.25  
CISPR16-1-4/IEC61000-4-3

**ETS-Lindgren's FT-1500 and FT-1500C** combine precision machined ferrite tile with a tuned dielectric backing layer to create a high performance, ultra-thin absorber. Each of the six surfaces of every tile is machined to a tolerance of 0.13 mm.

These precise dimensional tolerances allow for smooth tile-to-tile alignment, reducing the occurrence of gaps that can degrade performance. Both FT-1500 and FT-1500C are supplied as rigid 600 mm x 600 mm (23.62 in x 23.62 in) panels.

FT-1500 is suitable for mounting on walls and ceilings, and is attached with screws or other mechanical fasteners. FT-1500C is a variation of FT-1500 that adds a special commercial grade carpet over the surface of the tile. The floor panels can be easily assembled, reconfigured, and removed as needed.

## Features

### Multiple Application

FT-1500 and 1500C offer broadband absorber performance in a thin profile. They perform well as either wall or floor absorber treatments in test chambers for a variety of test standards.

### Easy to Install and Remove

The modular panel construction means panels can easily be assembled, reconfigured, or removed as needed.

### Precision Machined Tiles

Gaps between tiles are minimized with precise machining of each of the six sides of every ferrite tile. The result is improved performance when compared with non-precision machined tiles.

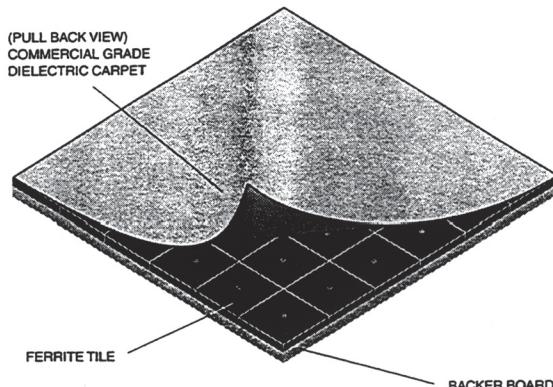
### Applications

- ANSI C63.25
- CISPR 16-1-4
- IEC 61000-4-3

### Standard

- FT-1500 Arranged in 600 mm x 600 mm (23.62 in x 23.62 in) Square, consisting of 36 Tiles

Model FT-1500C Ferrite Tile with Carpet



# ABSORBER MODEL FT-1500, FT-1500C

## Technical Specifications

### Electrical

Frequency Minimum	30 MHz
Frequency Maximum	1000 MHz
Power Handling	1.4 W/in <sup>2</sup>

### Physical

Length	600 mm (24.0 in)
Width	600 mm (24.0 in)
Nominal Height	With Carpet: 27 mm (1.1 in), Without Carpet: 21.2 mm (0.83 in)
Weight Per Panel	With Carpet: 17.24 kg (38 lbs), Without Carpet: 16.78 kg (37 lbs)