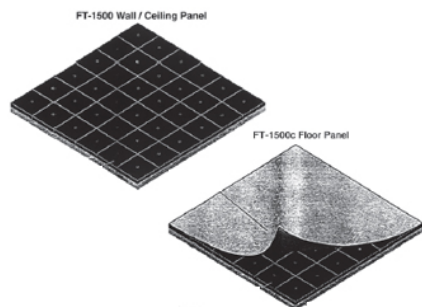


## FERRITE TILE ABSORBER FT-1500 Ferrite Tile Absorber

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.



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  $\pm 0.13$  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.

### Key Features

- 30 MHz to 1000 MHz
- Precision Machined Tiles
- Easy to Install and Remove
- Applications: ANSI C63.4 CISPR 16-1-4 IEC 61000-4-3

### 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.

#### 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.

#### Easy to Install and Remove

The modular panel construction means panels can easily be assembled, reconfigured, or removed as needed. Applications ANSI C63.4 CISPR 16-1-4 IEC 61000-4-3

## Specifications

### Electrical Specifications

Frequency Minimum: 30 MHz

Frequency Maximum: 1000 MHz

Power Handling: 1.4 W/in<sup>2</sup>, 0.26 W/cm<sup>2</sup> (1000 V/m CW)

### Physical Specifications

Size: 600 mm x 600 mm (23.62 in x 23.62 in)

Nominal Height: 25.0 mm (0.98 in)

Weight Per Panel: 15.9 kg (35.0 lb)

### Other Specifications

- Precision Machined Ferrite Tile with a Tuned Dielectric Backing Layer
- Arranged in a 600 mm x 600 mm (23.62 in x 23.62 in) Square Consisting of 36 Tiles

### Product Charts

#### FT-1500 Reflectivity

