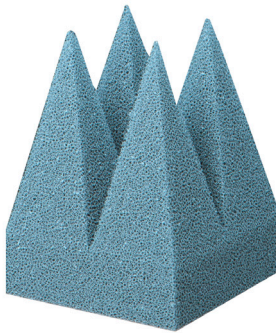


FILTER FOAM/VENT ABSORBER FF-36-PCL



MODEL FF-36-PCL

- **Non-Hygroscopic Substrate**
- **2 W/in² Power Handling Capability**

ETS-Lindgren Filter Foam/Vent Absorber is similar in appearance and geometry to conventional ETS-Lindgren pyramidal and wedge type materials, and is tested to the same rigid specifications. Normal incidence and wide-angle performance are similar to the conventional EHP series absorbers.

Filter Foam absorbers are designed using open cell/reticulated polyurethane foam substrates. The large pore size allows for easier airflow through the

absorbers. They can be used over air vents. An added feature of the Filter Foam/Vent Absorber is that it handles more RF power because the open cell design allows for better heat release. The FF-36-PCL absorbers can handle more than 2 W/in² (3 kW/m²) of power under room temperatures (25°C) without forced air. With additional airflow, it can handle up to 10 times the power density of conventional foam absorbers.

Fire Standards

- NRL 8093 Tests 1, 2 and 3
- UL 94
- DIN 4102-B2

Technical Specifications

RF Specifications

Reflectivity:	
80 MHz	-11 dB
120 MHz	-13 dB
200 MHz	-20 dB
300 MHz	-25 dB
500 MHz	-40 dB
1 to 2 GHz (L-Band)	-45 dB
2 to 4 GHz (S-Band)	-50 dB
4 to 8 GHz (C-Band)	-50 dB
8 to 12 GHz (X-Band)	-50 dB
12 to 18 GHz (Ku-Band)	-50 dB
18 to 40 GHz (K-Band)	-45 dB

Physical

Width	60.96 cm x 60.96 cm 24.00 in x 24.00 in
Height	91.44 cm 36.00 in
Weight	3.63 kg 8.00 lbs

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Model FF-36-PCL
Typical Performance

