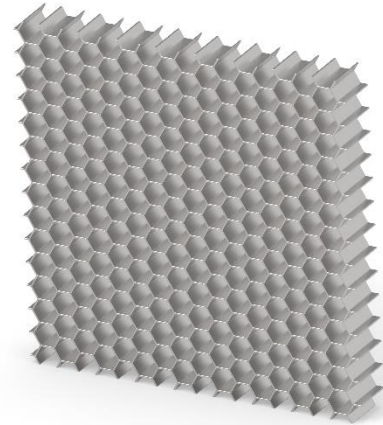


INTRODUCING

EMI Shielding Honeycomb Ventilation Panels

- High shielding performance
- Lightweight design



TE Connectivity's aluminum honeycomb air ventilation panel range consists of an aluminum honeycomb foil held in a rigid extruded aluminum mounting frame. The foil, formed and laminated into a series of honeycomb cells glued and perforated or laser welded at the join, provides a conductive path at each join. Although the foil is conductive in all directions, to enhance electromagnetic interference (EMI) performance, two pieces of honeycomb polarized at 90° to each other are recommended.

APPLICATIONS

- Electronic Enclosures
- Air Conditioning Units
- Fan Housings
- EMC Racks
- Communication Shelters

ELECTRICAL

- Provides EMI shielding over an aperture while still allowing good airflow

MECHANICAL

- Frame vents consist of a rigid aluminum frame that holds the honeycomb foil, an EMI gasket is attached to the frame
- Fan vents consist of an Acrylonitrile-butadiene-styrene (ABS) housing that holds 1 layer of honeycomb foil, the vent is provided with an EMI gasket attached directly to the honeycomb foil

MATERIALS

- Aluminum frame 6063-T6
- Fan vent housing ABS UL94-V0

KEY BENEFITS

- Guide electromagnetic waves into or out of the enclosure
- High shielding performance
- Lightweight design
- Good airflow

STANDARDS AND SPECIFICATIONS

- Aluminum honeycomb foil 5052 grade, 3.2mm cell size

LEARN MORE

- [Landing Page](#)
- [Brochure](#)