



Excellent EMI shielding with low resistance to air flow

DESCRIPTION

SSDP Honeycomb Air Vents provide:

- Excellent EMI Shielding
- Low resistance to air flow

Constructed from metal Honeycomb installed in EMI Gasketed aluminum frame

APPLICATION

SSDP Honeycomb Air Vents can be used in applications where EMI Shielding and air inflow and outflow are required.

TECHNICAL SPECIFICATION:

Parameter	Specification
Frame	Aluminium Alloy 6063
Honeycomb	Aluminium 5052 Grade (as per MIL-C-7438)
Finish	Chromate
Honeycomb Cell Size	3.2 mm
Honeycomb Foil Thickness	0.04 - 0.05mm
Temperature Range (°C)	-45°C to +165°C
Interface EMI Gasket	<ul style="list-style-type: none"> • Conductive Elastomer Gasket • Dual Type Gasket

AVAILABLE VARIANTS

Honeycomb construction:

- Dual layer cross cell for high EMI shielding
- Slant Honeycomb or Honeycomb with Louvers for Drip proof
- S.S. Honeycomb for EMP Shielding application

EMI SHIELDING PERFORMANCE:

Frequency	Shielding Effectiveness(dB)		
	Dual Layer Cross Cell	Single Layer - 12.7mm	Single Layer - 6.35mm
100kHz (H Field)	65	40	25
10 MHz (E Field)	110	80	60
1 GHz (Plane Wave)	95	60	40
10 GHz (Plane Wave)	85	40	35