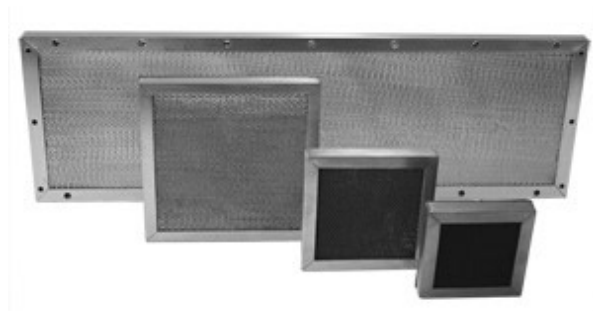


Shielding Vent



Description

Air Vent can be the main source producing electromagnetic disturbance due to leaking. This type of leaking will greatly reduce the shielding effectiveness of the system. However, in reality, the requirements for consistent, reliable high level of shielding while allowing the cooling air to penetrate an electric equipment cabinet are strongly demanded. JONES Company has developed honeycomb shielded vent panels' series products, using the theory of cutting off wave conductivity, which has solved the conflicts between airiness and shielding. Features of this series shielded Vent Panels are: excellent airiness properties and high shielding properties, open area for airflow can reach 95%; using integrated connecting method attached to conductive pad, customers only need screws to finish installation, easy to operate.

Application

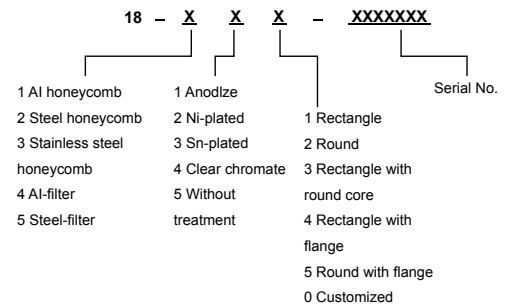
- Air vents of military enclosures and military cabin
- Air vents of computer cabinet, mobile communication cabinet
- High speed routers, network servers, testing equipment
- Air vents of other kinds of electronic products

Material Technical Specification

Shielding Efficiency(dB)according to standard of MIL-STD-285. Give an example , diameter of Honeycomb is 3.2mm,deepness is 12.7mm .

Honeycomb material	Magnetic field 100KHz	Electric field 10MHz	Plane wave	
			1GHz	10GHz
Clear chromate coating	40	80	60	40
Ni-plated Al	80	135	115	95
Stainless steel	85	135	115	110
Ni-plated Steel	85	135	120	120

Part Number Specification



Shielding Vent

Dimensional Tolerance

	Measurement standard(mm)			
	0-100	100-300	300-600	>600
Frame	±0.5	±0.8	±1	±1.5
Fixing hole space between	±0.25	±0.4	±0.5	/
Aperture	±0.15	/	/	/
Cross section	±0.25	/	/	/

Product specification

Unit: mm

Thickness:12.7mm (1/2 inch)

P/N	Frame		Core		C	D	E	F
	W	L	A	B				
18-XX1-0000001	101	101	76	76	44	44	-	-
18-XX1-0000002	127	127	102	102	57	19	76	-
18-XX1-0000003	152	152	127	127	25	25	89	89
18-XX1-0000004	127	152	102	127	25	25	89	64
18-XX1-0000005	127	177	102	152	25	38	88	64
18-XX1-0000006	152	177	127	152	25	38	88	64
18-XX1-0000007	305	305	280	280	32	32	76	76