

Honeycomb Waveguide Vents



Description

Waveguide vents are utilized to ventilate an RF shielded enclosure without degrading RF shield effectiveness.

Features

Standard vents have 3/16 inch honeycomb cell and have a shielding performance of 100 dB at 10 GHz
High frequency vents have 1/8 inch honeycomb cell, extending shielding performance to 100 dB at 40 GHz
Flange mounting allows for field location and installation into existing shielded enclosures
Minimal air flow resistance and pressure drop (see air flow chart below)
Continuously solder fused for superior strength and RF performance
Available in a wide variety of standard sizes, custom sizes are available

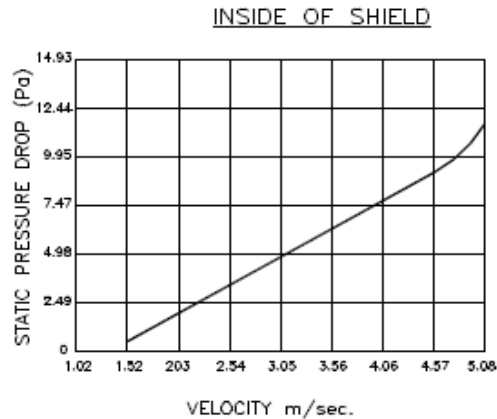


Honeycomb vents can be ordered with an optional dielectric "non-conductive" collar to accommodate the interconnection of metal ducts to the waveguide air.
Dielectric collars are required to maintain the single point ground of the RF Shielded Enclosure

Specifications

Material:	continuously soldered steel honeycomb
Waveguide diameter:	3/16", 1/8" cell size
Standard sizes:	see chart below

Standard vent sizes		
Vent	Width (mm)	Height (mm)
Supply / Exhaust	275	275
	275	425
	425	425
	425	575
	575	575



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