

IDCI SERIES - 高頻吸波材 - High Frequency band EMI Absorber)

Introduction

IDCI series used in the frequency over 4GHz - with more than 10dB attenuation of the excellent absorption characteristics. Use of silicon rubber material can be a very superior mechanical strength and physical performance. Product relatively thick or slightly thicker, at 4GHz or higher can have a very good band absorbing performance, prevent radar interference, can be invisible (stealth), satellite communications can be used to prevent interference with other uses

Features

Band: (0.5 ~ 8GHz), X (8 ~ 12GHz), Ka, K

Sound absorption performance can be expressed within a wide range of frequencies.

This flexible material is relatively easy to obtain.

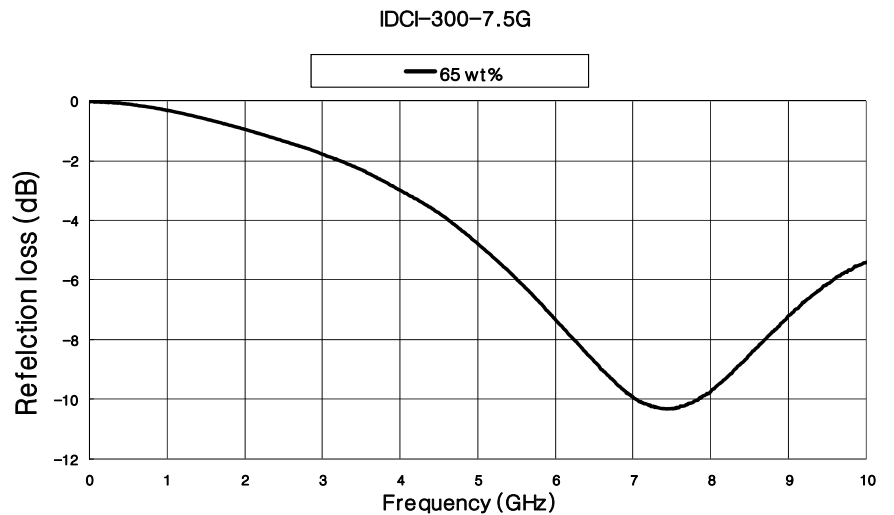
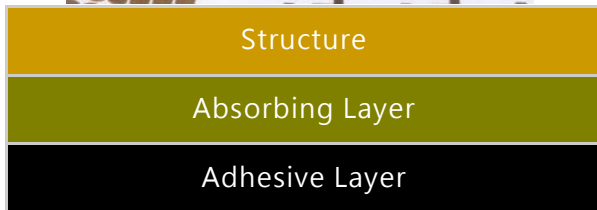
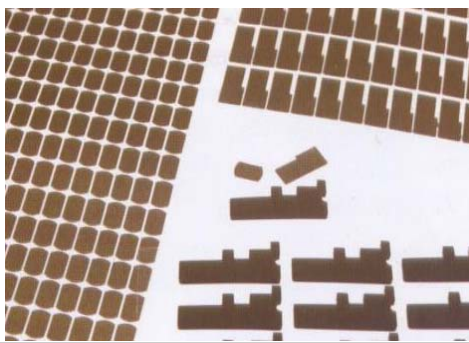
產品介紹

IDCI 系列使用在超過 4GHz 的頻率時 - 有 10dB 以上衰減值的優秀吸收特點。使用矽橡膠材質可通過非常優越的機械強度和物理性能。產品比較厚或稍微厚一點，在 4GHz 或更高的可用頻段有非常好的吸波效能，可防止雷達干擾，可隱形，衛星通信可用於防止干擾其他用途

產品特性

頻段：(0.5 ~ 8GHz) · X (8 ~ 12GHz) · Ka · K

良好的吸收性能可在大範圍的頻率內表示。這種有彈性的材料是比較容易取得。



Item (系列料號)	IDCI SERIES					
	IDCI-100	IDCI-150	IDCI-200	IDCI-250	IDCI-300	IDCI-350
Content (物性內容)						
Thickness (mm) (厚度)	1.0 (±0.1)	1.5 (±0.2)	2.0 (±0.2)	2.5 (±0.3)	3.0 (±0.3)	3.5 (±0.4)
Frequency Range (頻寬)	5GHz ~ 20GHz			500MHz ~ 5GHz		
Hardness (Shore A) (硬度)	70 ± 10? (for Standard type)					
Service Temp. (°C) (工作溫度)	- 30 ~ 150					
Standard Size (標準尺寸)	210mm X 300mm					
Flammability (可燃性)	Non Flammable					
Surface Resistance (Ω) (表面電阻)	Min 1.0×10 ⁸					
Density (g/cm ³) (密度)	3.8 ± 0.5 (for Standard type)					

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