

Booth No. 7A62-23

CIT Co., Ltd.



Year Established	2023		Type of Business	Manufacturing	
Website	https://www.globalcit.co.kr/		Main Export Countries		
SNS					
Main Customer	Domestic Customers		International Customers		
	HG Solution				
The Person In Charge	Name	Department		Position	
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Company Description

CIT is a company that manufactures electronic materials that minimize loss during signal transmission. The products CIT produces are low dielectric constant FCCL and low loss cables. Using the ASE method produced, low dielectric constant FCCL is a product in which copper is deposited on PTFE, a low dielectric constant substrate material.

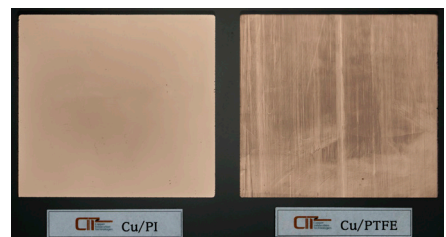
Product

Low dielectric constant FCCL

Function and Usage : CIT's low dielectric constant FCCL is an electronic material that can minimize transmission loss during communications in the mmWave band above 6GHz.

The low dielectric constant FCCL produced by our company has a dielectric constant of less than 2 and a dielectric loss coefficient of 0.0025, which has superior dielectric constant performance compared to other companies' low dielectric constant FCCL.

Marketing and Selling Points : The low dielectric constant FCCL manufactured by our company places copper directly on PTFE (Poly Tetra Fluoro Ethylene), a low dielectric constant substrate material, without an adhesive material. This is the only company that has made this possible by directly applying the ASE (Atomic Sputtering Epitaxy) sputtering method, published in the most famous scientific magazine, NATURE, to PTFE.



Low Loss Cable

Function and Usage : CIT's single crystal copper (silver) cables include power and ground cables.

When you use our single crystal copper (silver) cable as the ground wire for your device, it removes noise from inside the device to the outside faster than any other cable.

And the single crystal signal cable made by our company allows precise control because the signal is stable and does not overshoot during the signal transmission process.

Marketing and Selling Points : CIT's cable was verified for two months on a semiconductor production line and confirmed to have a noise reduction effect.

And CIT's single crystal conductors have good noise-related quality, enough to be used as high-end audio cables.

