SUSTAINABLE GOALS 3 GOOD HEALTH AND WELL-BEING



Fluorine-film based FCCL"FU series"













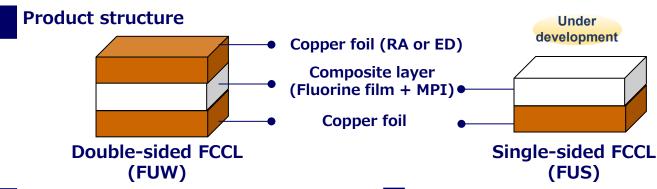
Example of use

- Substrate for vehicle antenna (LiDAR and others)
- Substrate for base station antenna
- Flexible substrate for high speed data transmission compatible with millimeter-wavelength (for antenna)

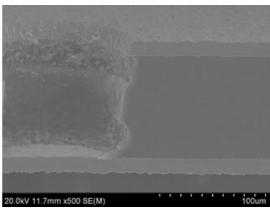


Characteristics

- Low Dk, low Df, and low water absorption.
- Processability by UV-YAG laser is the same to that of general PI-based FCCL.
- · Thickness lineup for insulation layer: 25, 50, 75, and 100μm.

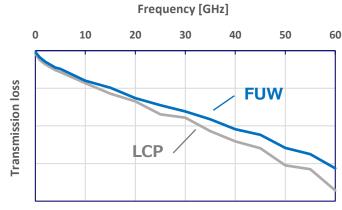


Cross-sectional image of BVH



BVH processing : UV-YAG (λ =355nm) Insulation layer thickness : 100 μ m

Transmission loss



Circuit : Micro-strip patterning Impedance : $50\pm5\Omega$ (designed) Test environment : $23^{\circ}C$, $50^{\circ}RH$

Insulation layer thickness: 100µm (both FUW & LCP)

Cu thickness: 12µm Circuit length: 100mm



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The data in this document are measured values, not for guaranteed.