

Table 1. Dk, Df, Moisture absorption data according to material type

Type	Dk (@10Hz)	Df (@10Hz)	Water absorption (23°C/RH50%)
PTFE	2.1	0.0002	0.01 %
LCP	3.3	0.002	0.03 %
MPI	3.4	0.018	0.8 %
PI	3.4	0.081	2.0 %

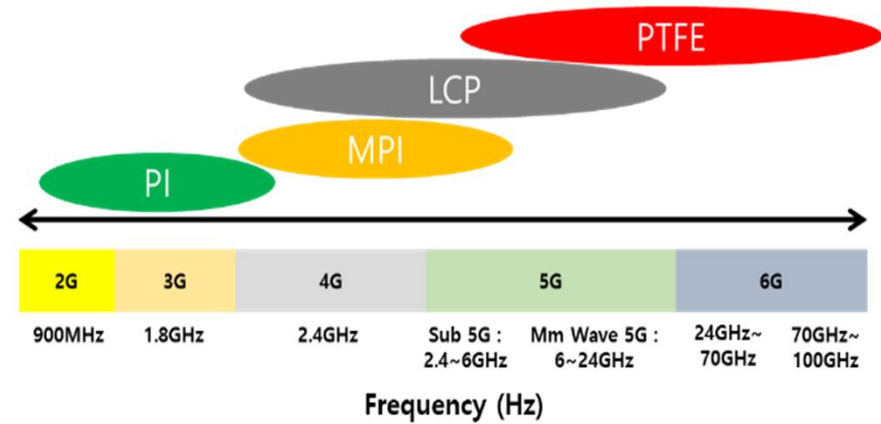


Fig 1. Material application status according to frequency

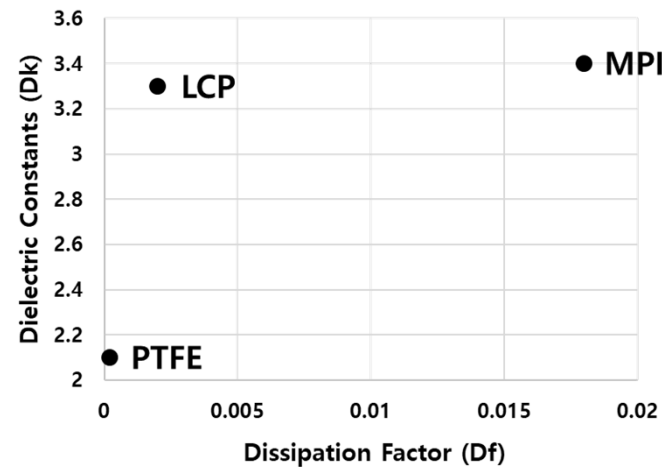


Fig 2. Dielectric constants and Dissipation factor of the resins used for printed circuit boards

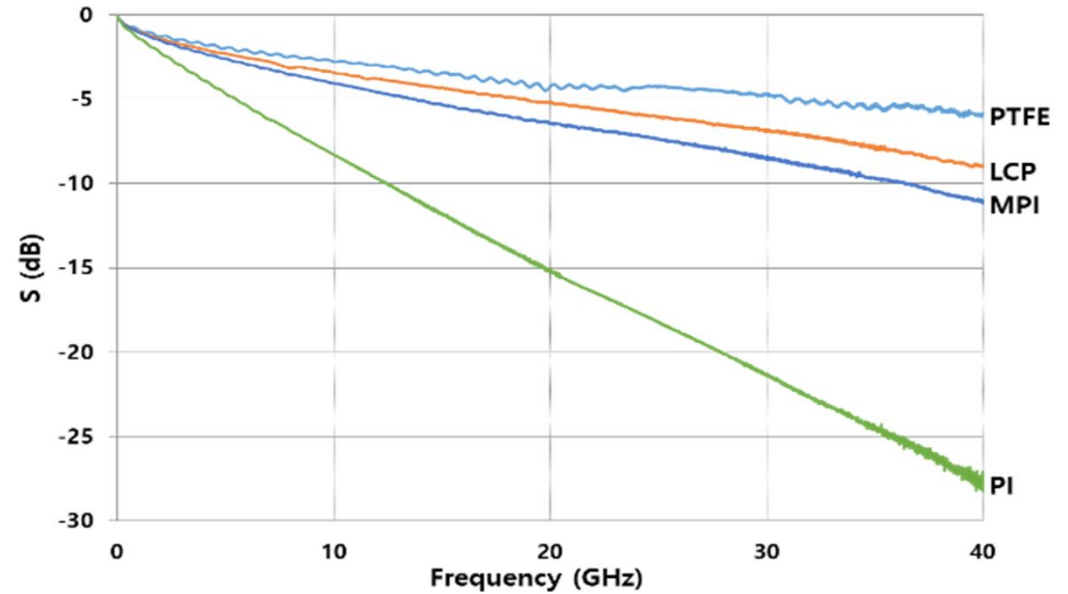


Fig 3. Insertion Loss according to material type