

Technical Data Sheet

LC6000

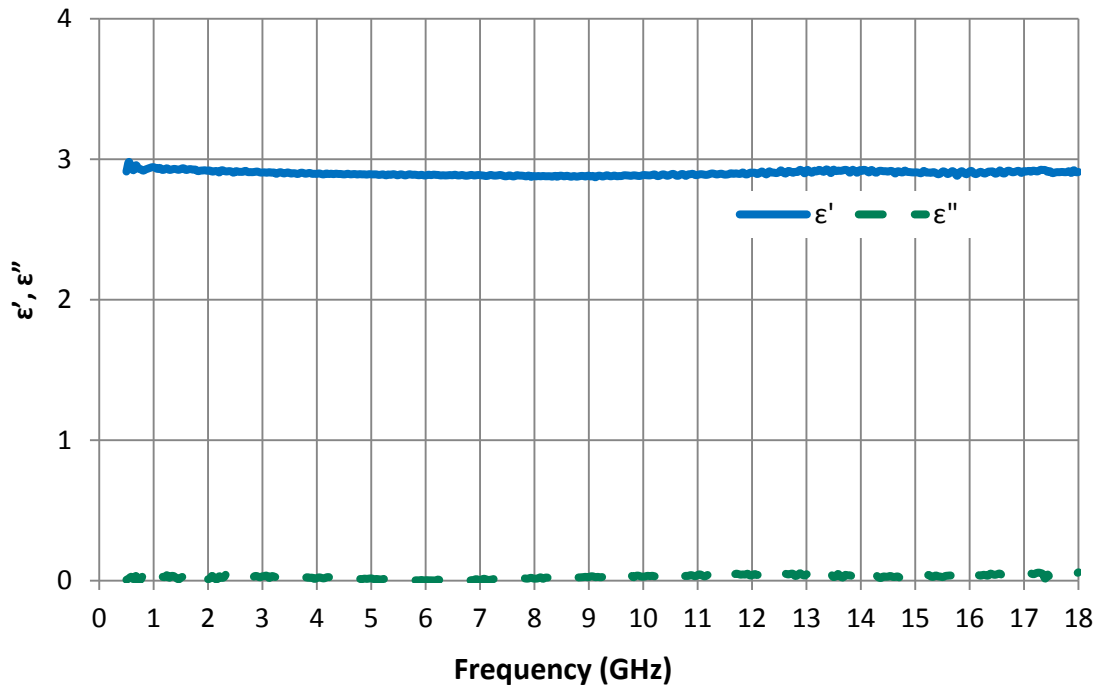


Description

- Low-dielectric, low-loss material based on Liquid Crystal Polymer (LCP) thermoplastic.
- Can be injection molded into custom shapes, provides good high temperature performance and has the ability to flow into thin-walled parts.
- Typical applications include electrical connectors, dielectric spacers, and radomes.
- Ideal for high frequency applications (20+ GHz range), but can be customized for specific requirements.
- Halogen free, RoHS and REACH compliant.
- Designed to meet UL-94 V-0 requirements.

<u>Properties</u>	<u>Test Method</u>	<u>Value</u>
Tensile Strength	ASTM D638	5580 psi
Elongation	ASTM D638	2.61
Surface Resistivity	ASTM D257	> 11 GΩ/□
Color	--	Gray

Permittivity



Note: the information provided above is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical.