

**Features:**

- Rugged Shielded case
- Other standard and custom HPF models
- Wide selection of cutoff frequency
- Small & Rigid design
- Economical

**Description:**

The TFL6006-9706SLC is a High pass filter in a shielded package fabricated using SMD LC technology. Covering DC-970 MHz bandwidth, these units offer decent matching within the passband and high rejection in stopband.

**Applications:**

- Amateur Radio Equipment's
- Test and measurement equipment
- Scientific and Military Applications
- GSM
- Cellular and NB-IOT Applications

**Optional Accessories :**

- Adapter Kit
- 50 Ω Termination
- Directional coupler Kit
- Cable as per User Requirement (Figure-1)
- Antenna Kit

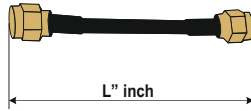
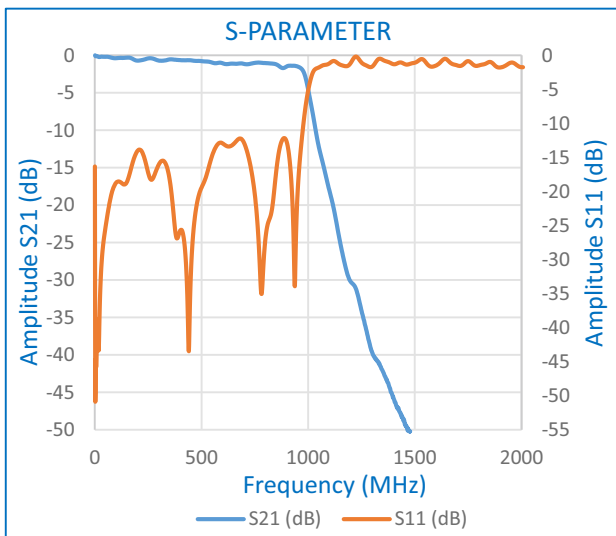


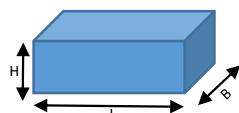
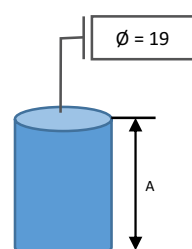
Figure 1



**Electrical Specifications:**

Frequency Range	DC - 970 MHz
Power Capacity	0.5 W
Insertion Loss	- 3 dB Max
Return Loss	-15 dB Min
VSWR	1.5:1
Input Connector	SMA (M)/ SMA (F)
Output Connector	SMA (F)
Operating Temperature	0°C - 50°C

**Mechanical Specifications:**

Dimensions (mm) :	 (L) = 56 (B) = 28.7 (H) = 17.4 (A) = 49 (∅) = 19	 ∅ = 19
Shape:	Cuboidal/ Cylindrical shape	
Weight :	Cuboidal :71 gm / Cylindrical :25 gm	

**Filter Kits Available:**

- LPF ( 11 TYPES)
- HPF ( 9 TYPES)
- BPF ( 5 TYPES)



Note: Specifications are subject to change.