

Indigenisation Activities: Crystal Filter

Indigenous Crystal filters developed by M/s. Andhra Electronic, Kakinada declared Space qualified. Qualification report and certificate are released by Director, SAC Shri. Tapan Misra.

- Used in LOs of all Rx of GEOSAT payload
- **Qty. used:** 50 / year (approx)
- **Adv.:** Less lead time for procurement, Indigenous source, cost saving, manufactured under ISRO surveillance
- Specification & Foot print compatible wrt imported one



Frequency	21.4 MHz	71.70 MHz
1dB Bandwidth	± 1.25 kHz min	±5 KHz (Min)
3dB Bandwidth	± 2.0 kHz max	±12.5KHz Max
Stop Band Atten.	≥40 dB (Fc ± 10 KHz)	≥ 40 dB (Fc ± 100 KHz)
Spurious	Better than 45 dB	Better than 40 dB
Operating temp	-15 °C to +65 °C	
Mounting (PCB)	4 studs of M2.5	
RF- I/P – O/P	SFT Header	

