X-Band LEO (Low Earth Orbit) Band Receive Filter
Model 19620

This bandpass filter is used for special receive applications in the LEO (Low Earth Orbit) satellite X-band (e.g. – Weather Satellite Monitoring) and provides excellent rejection of undesired transmissions between 9.5 – 15.0 GHz (e.g. – Radar, Ku-band Uplink).

### Specifications:

- **Passband:** 8.00 – 8.40 GHz
- **Passband Insertion Loss:** 0.2 dB Approx
- **Passband VSWR:** 1.25:1 Max
- **Passband Delay Variation:** 0.5 nS Max
- **Rejection:**
  - 60 dB Typ @ 7.00 GHz
  - 50 dB Min from 9.50 – 10.70 GHz
  - 80 dB Typ from 10.70 – 15.00 GHz
- **Flanges:**
  - CPR112G (Grooved) – Input
  - CPR112F (Flat) - Output
- **Dimensions:**
  - 2.25" x 2.50" x 1.75"
  - (57mm x 64mm x 44mm)
- **Finish:** Flat Black Lacquer

---

**MICROWAVE FILTER CO., INC.**  
6743 Kinne Street, E. Syracuse, NY 13057  
E-Mail: mfcsales@microwavefilter.com  
800-448-1666 • 315-438-4700  
Web: www.microwavefilter.com