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

Model 19308

This bandpass filter is used for special receive applications in the LEO (Low Earth Orbit) satellite X-band (e.g. – Weather Satellite Monitoring).

Specifications:
Passband: 7700 - 8400 MHz
Passband Insertion Loss: 0.15 dB Max
Passband V.S.W.R. 1.33:1 Typ
Passband Delay Variation: 2 nS Max
Rejection: 40 dB Min. @ 7200 MHz
40 dB Min. @ 9000 MHz
Operating Temperature Range: -40 °C to +65 °C
Flanges: CPR112G (Grooved) – Input
CPR112F (Flat) - Output
Dimensions: 6.75" x 2.50" x 1.75"
(171mm x 64mm x 44mm)
Finish: Flat Black Lacquer