

Model 250128

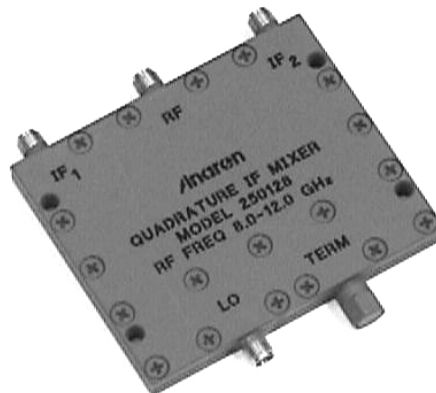


Mixers

Quadrature IF

Applications

- PSK Demodulators
- Quadrature Phase Detectors
- Doppler Systems/Radar Altimeters
- Image Rejection Mixers
- Error Sensors in Adaptive Systems



Features

- Military Grade
- Good Phase/Amp Balance
- Good LO/RF Isolation
- Good LO/RF VSWR
- Connectors Per MIL-C-39012

Electrical Specifications

Frequency GHz	Isolation LO-RF dB Min/Typ	Convers. Loss dB Max/Typ	RF VSWR Max/Typ : 1
8.0-12.4	18/25	13/10	1.92/1.50
LO VSWR Max/Typ : 1	IF Freq.* MHz	IF Amp. Bal. dB	IF Ø Bal. degrees
1.80/1.45	DC-600	±1.5	±15

Notes: Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications. Upper IF frequency is the -3 dB response point. LO Power is +10 dB nominal. **Electrical and Mechanical Specifications subject to change without notice.**

Outline Drawing

