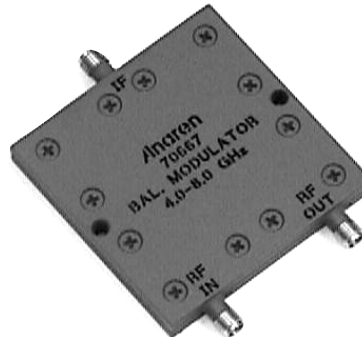


Modulators *Balanced*

Applications

- Up Converters
- Double Sideband Modulators
- Amplitude Modulators
- Pulse Modulators
- Current Controlled Attenuators
- Suppressed Carrier Systems
- Bi Phase Modulators
- Digital PSK Systems



Features

- Military Grade
- Excellent Carrier Suppression
- Low VSWR
- Good Bi Phase Tracking
- Low Conversion Loss
- Connectors Per MIL-C-39012

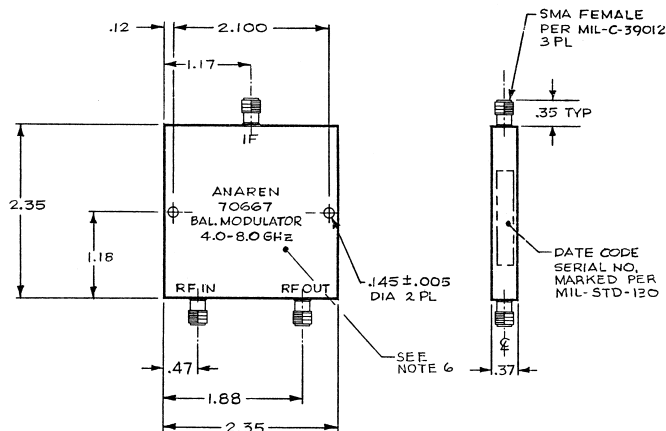
Electrical Specifications

Frequency GHz	IF Input* MHz	Conversion Loss dB Max/Type
4.0-8.0	DC-400	8.5/7.5
Carrier Suppression dB Min/Type		RF VSWR dB Max/Type:1
15/20		1.7/1.25

Notes: Impedance: 50 ohms nominal. Operating temperature -54 to +95°C. Modulation Power: +10dBm or +/- 10ma **Electrical and Mechanical Specifications subject to change without notice.**

*IF frequency is the -3dB response point.

1 Relative to desired output signal.



NOTES:

- 1 Dimensions: Inches over (millimeters)
- 2 Marking: Marking shall be in accordance with MIL-STD-130
- 3 Finish: Epoxy coating per MIL-C-22750. Color Chip 35180 (Blue) per FED-STD-595. Over epoxy primer per MIL-P-23377
- 5 Weight: 5.7 oz. Max