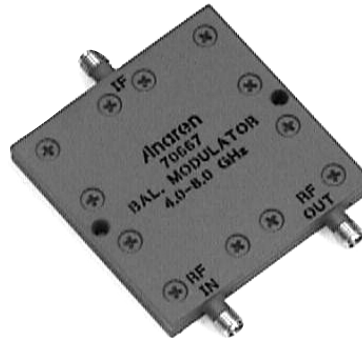


## Modulators *Balanced*

### 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.  
 †Relative to desired output signal.

