

Features

- High Dynamic Range
- Low Spurious Output
- Modular Design
- Selectable Reference
- Variable Gain
- High Power Output Available



UCEUHF/UCEL/UCES Series

Description

These units are employed in a variety of commercial applications. Modular construction allows the UCEUHF, UCES, or UCES series to be utilized as a power amplifier assembly or an intermediate up conversion stage. The up converters can be coupled with a tunable local oscillator for use in many telemetry applications. The RF output of these units can be further translated in frequency using the UCES or UCEKU series.

Specifications

TYPICAL PARAMETERS	MODEL NUMBER
	UCEUHF/UCEL/UCES
Input Frequency (MHz)	30 - 300
Output Frequency (MHz)	300 - 4000
Bandwidth (MHz)	10 - 100
Gain (dB) (per requirement)	-20 to +40
Input Power Level (dBm)	0
1 dB Compression Point (dBm)	+10 to +30
Gain Adjustment (dB)	0 to 30
Noise Figure (max) (dB)	5
VSWR, IF Inputs (max)	1.5:1
VSWR, RF Outputs (max)	1.5:1
Spurious Outputs	60 dBc
Temperature Ratings (°C)	
Operating	0 to 70
Storage	-40 to 85