

ATZC – 0012

C-Band

VSAT Transmitter

(BUC) (L-Band Input)



*Solid State Transmitter
(BUC)
C-Band*

Features

- No “Cooling Fan” Solution
 - High Efficiency Output Power (12W minimum @ P1dB over temperature)
 - 110/220 VAC Autoranging Operation
- ### ATCi introduces complete line of solid state transmitters for outdoor or indoor installations.
- Smallest and most light-weight unit available today (22 lbs).
 - P1dB power rating.
 - Rugged design for outdoor use.
 - L-Band input.
 - Flange or coax output available.
 - Can be used indoors or outdoors.
 - AC or DC choice.
 - 1 Year warranty.
 - Excellent customer support.

Specifications: C-Band VSAT Transmitter

ITEM	SPECIFICATIONS
Output Interface Output Power @ 1dB G.C.P. Linear Gain Requirement for External Reference (Frequency) (Input Power) (Phase Noise)	Waveguide, CPR137G +41 dBm typ. over temp. 70 dB nominal 10 MHz (sine-wave) -5 to +5 dBm @ Input port -135 dBc/Hz max. @ 100 Hz -140 dBc/Hz max. @ 1 kHz -143 dBc/Hz max. @ 10 kHz
L.O. Phase Noise	-60 dBc/Hz max. @ 100 Hz -70 dBc/Hz max. @ 1 kHz -80 dBc/Hz max. @ 10 kHz -90 dBc/Hz max. @ 100 kHz
Input V.S.W.R. Output V.S.W.R. AC Power Requirement	2 : 1 max 2 : 1 max. 110/220 VAC 150 W max.
Mute Input Interface	Shut off the HPA in case of L.O. unlocked N-type, female (50 ohms)
Dimension	12.1" x 9.2" x 5.95" (300 mm x 230mm x 150mm)
Weight Temperature Range (ambient)	22 lbs max. (10 kg) -40 to +55 C (operating) -40 to +75 C (storage)