



ATZK – 0100

Ku-Band

VSAT Transmitter

(L-Band Input)



Solid State Transmitter
Ku-Band

ATCi introduces complete line of solid state transmitters for outdoor or indoor installations.

- High efficiency output power (100w typical).
- 190 - 240
- Smallest and most light-weight unit available today (60 lbs).
- Wide range of power outputs available.
- High gain (Accommodate Long Cable).
- Rugged design for outdoor use.
- L - Band input.
- WR 75 Output.
- Available in outdoor and indoor style (outdoor style shown).
- Outdoor mounting brackets available.
- AC or DC choice.
- 1 Year warranty.
- Excellent customer support.



Specifications: Ku-Band VSAT Transmitter

Item	Specifications
Output Interference	Waveguide, WR-75
Output Power	50 dBm typ. over temp.
Linear Gain	100 dB nom.
Requirement for External Reference (Frequency)	10 MHz (sine-wave)
(Input Power)	-5 to +5 dBm @ Input port
(Phase Noise)	-125 dBc/Hz max. @ 100 Hz
	-135 dBc/Hz max. @ 1 kHz
	-140 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.	1.3 : 1 max
Output V.S.W.R.	2 : 1 max
DC Power Requirements	190 - 240VAC
	1.2 kW max.
Mute	Shut off the HPA in case of L.O. unlocked
Input Interface	N-type, female (50 ohms)
Temperature Range (ambient)	-40 to +55 C (operating)
	-40 to +75 C (storage)
Dimension	16.8" x 16.7" x 9.1"
	(427mm x 425mm x 232mm)
Weight	60 lbs (27 kg)