

Uplink Systems

ATZCI-0080 C-Band 80W Rack Mounted Transmitter



Features:

- High Efficiency Output Power
- 110/220 VAC Autoranging Operation

ITEM

SPECIFICATIONS

Model No.	ATZCI-0080
RF Frequency	5.850 to 6.425 GHz
Local Frequency	4.90 GHz
IF Frequency	950 to 1,525 MHz
Output Power	80 W Linear
Connector	N-Type
Output Interface	N-Type
Output Power @ 1dB G.C.P.	+49 dBm typ. over temp.
Linear Gain	70 dB nominal
Requirement for External Reference	
(Frequency)	10 MHz (sine-wave)
(Input Power)	-5 to +5 dBm @ Input port
(Phase Noise)	-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	2 : 1 max.
Output V.S.W.R.	2 : 1 max.
AC Power Requirement	110/220 VAC
	700 W max.
Mute	Shut off the HPA in case of LO unlocked
Input Interface	N-Type, female (50 ohms)
Dimension	3.5"x17"x15", 2U Rack
	(90 mm x 430 mm x 380 mm)
Weight	30 lbs max 14 kg
Temperature Range (ambient)	0 to +55C (operating)
	-40 to +75 C (storage)

*Specification is subject to change without notice.

