

# ATZCI – 0080

## C-Band 80w

### Rack Mounted Transmitter



#### Features:

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

#### ITEM

Model No.  
 RF Frequency  
 Local Frequency  
 IF Frequency  
 Output Power  
 Connector  
 Output Interface  
 Output Power @ 1dB G.C.P.  
 Linear Gain  
 Requirement for External Reference  
 (Frequency)  
 (Input Power)  
 (Phase Noise)  
  
 L.O. Phase Noise  
  
 Input V.S.W.R.  
 Output V.S.W.R.  
 AC Power Requirement  
  
 Mute  
 Input Interface  
 Dimension  
  
 Weight  
 Temperature Range (ambient)

#### SPECIFICATIONS

ATZCI-0080  
 5.850 to 6.425 GHz  
 4.90 GHz  
 950 to 1,525 MHz  
 80 W Linear  
 N-Type  
 N-Type  
 +49 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  
 -60 dBc/Hz max. @ 100 Hz  
 -70 dBc/Hz max. @ 1 kHz  
 -80 dBc/Hz max. @ 10 kHz  
 -90 dBc/Hz max. @ 100 kHz  
 2 : 1 max.  
 2 : 1 max.  
 110/220 VAC  
 700 W max.  
 Shut off the HPA in case of LO unlocked  
 N-Type, female (50 ohms)  
 3.5"x17"x15", 2U Rack  
 (90 mm x 430 mm x 380 mm)  
 30 lbs max 14 kg  
 0 to +55C (operating)  
 -40 to +75 C (storage)

*\*Specification is subject to change without notice.*