

# PA-I720-47-27

## Reference Sheet

PA Series power extension modules for Consultix' WTX Test Transmitters deliver high power and wide bandwidth in a compact light-weight form factor that makes them ideal for field use.

Designed to replace old & bulky systems, PA Series power extension modules connect to the WTX Test Transmitter in the field to transform it into a highly portable, multi-band, cost-efficient, high power test transmitter.



Module with included Heat-Sink

### Specification

Parameter	Value	Unit
Frequency Range	1710 to 2000	MHz
Saturated Power @ 1710 MHz	47	dBm
Saturated Power @ 1850 MHz	49	dBm
Saturated Power @ 2000 MHz	48	dBm
Small signal gain	37	dB
Harmonics (Typical @ 43 dBm)	25	dBc
VSWR Protection	10:1	-
RF Input port	SMA-female	-
RF Output port	N-female	-
Weight	<1.5	Kgm

### Absolute Maximum Ratings

Rating	Symbol	Value	Unit
Supply Voltage	V <sub>DD</sub>	28	V
Supply Current	I <sub>D</sub>	4000	mA
RF Input Power	P <sub>in</sub>	20	dBm
Operating Case Temperature	T <sub>C</sub>	60	°C

**Included Accessories:** RF Jumper Cable, AC/DC Adapter & Heat sink

Building 57A, 2<sup>nd</sup> district, 6<sup>th</sup> area , El-Teseen st., in front of Air Force Hospital, 11835, New Cairo, Egypt

Tel: [+201005006238](tel:+201005006238) & [+20229299708](tel:+20229299708) [www.consultix-egypt.com](http://www.consultix-egypt.com)