

PA-04-43

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	400 to 470	MHz
Saturated Power	45	dBm
Small signal gain @ 430 MHz	49	dB
Gain Flatness @ 20 dBm input power	±1	dB
Harmonics @ 43 dBm output Power	<50	dBc
VSWR Protection	10:1	-
RF Input port	SMA-female	-
RF Output port	N-female	-
Vdd	12.5	VDC
Weight (including Heat-sink)	<1.5	Kgm

Absolute Maximum Ratings

Rating	Symbol	Value	Unit
Supply Voltage	V _{DD}	17	V
Supply Current	I _D	6000	mA
RF Input Power	P _{in}	17	dBm
Operating Case Temperature	T _C	60	°C

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

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