

PA-09-46-33

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	690 to 960	MHz
Saturated Power @ 900 MHz	46	dBm
Saturated Power @ 850 MHz	46	dBm
Saturated Power @ 700 MHz	45	dBm
Small signal gain	34	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 _{DD}	28	V
Supply Current	I _D	4000	mA
RF Input Power	P _{in}	20	dBm
Operating Case Temperature	T _C	60	°C

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

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