



**MTPA20260253531**

**2-6GHz 200W**

## MODEL DESCRIPTION

MTPA20260253531 is a complete solid state microwave power amplifier module that features high efficiency, high output power and wide dynamic range. It is based on advanced microwave device technology and provides long-term reliability and high ruggedness.

## FEATURE

2-6GHz ultra-broadband

Psat: 200W

High efficiency, High reliability and ruggedness

Good linearity, Low distortion

Applications: Test& Measurement, Broadcasting, Communication etc.

## GENERAL SPECIFICATION

Parameter	Unit	Min.	Typical	Max.
Frequency	GHz	2		6
Power Gain (@Psat)	dB	-	53	-
Gain Flatness	+/-dB		2	
Psat	dBm	-	53	-
INPUT Return Loss	dB	-	-	-10
OUTPUT Return Loss	dB	-	-	-10
Maximum input power	dBm	-	-	10
Harmonic	dBc	-	-15	-
Spur	dBc	-	-60	-

## ENVIRONMENTAL SPECIFICATIONS:

Parameter	Unit	Min	Typical	Max
Voltage	V(AC)		28	-
Current	A	-	30	-
Operating Temperature	°C	-40	-	70
Non-Operating Temperature	°C	-50	-	85

## MECHANICAL SPECIFICATIONS:

Parameter	Unit	Min	Typical	Max
Dimensions LxWxH	mm		325x220x45	
Weight	Kg	-	3	-
RF Input&Output		SMA-F(in)/N-F(out)		