



MTPA26340330301

26.5-40GHz 1W

MODEL DESCRIPTION

MTPA26340330301 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

26-40GHz GHz ultra-broadband

Psat: 1W

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	26		40
Power Gain (@Psat)	dB	30	-	-
Gain Flatness	+/-dB	-	5	-
Psat	dBm	30		-
INPUT Return Loss	dB	-	-10	-
OUTPUT Return Loss	dB	-	-10	-
Maximum input power	dBm	-	-	+5
Harmonic	dBc	-	-15	
Spur(@Pout)	dBc		-60	

ENVIRONMENTAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Voltage	V(AC)	110	220	240
Current	A	-	0.3	-
Operating Temperature	°C	0	-	50
Non-Operating Temperature	°C	-20	-	65

MECHANICAL SPECIFICATIONS

Parameter	Unit	Min	Typical	Max
Dimensions WxHxD	mm		328x188.5x95	
Weight	Kg		6	
RF Input&Output			SMA	



26.5-40GHz Series Amplifiers

Model Number	Description	Dimensions (mm)
MTPA26340330332	26.5-40GHz 2W	328x188.5x95
MTPA26340340372	26.5-40GHz 5W	328x188.5x95
MTPA26340340402	26.5-40GHz 10W	328x188.5x95
MTPA26340340432	26.5-40GHz 20W	328x188.5x95
MTPA26340346462	26.5-40GHz 40W	328x188.5x95

MODEL APPEARANCE (mm)

