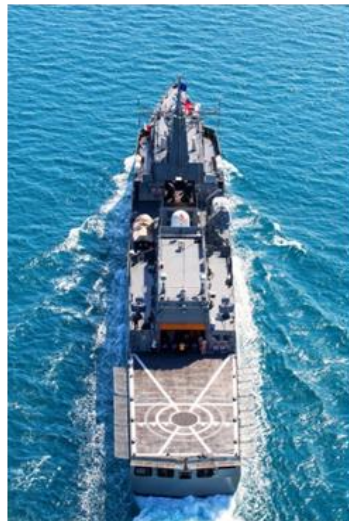
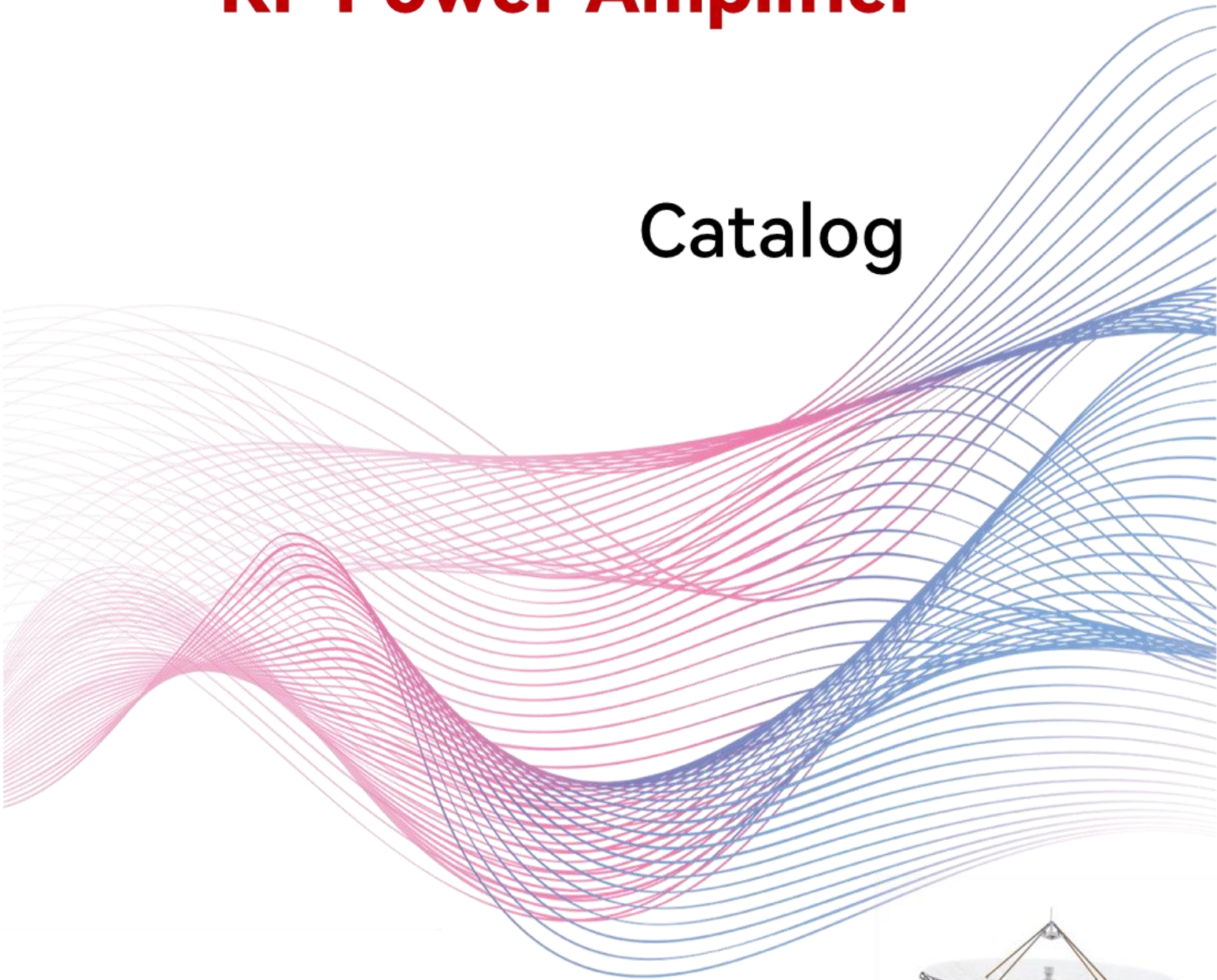




**Transferline Microwave**  
Engineer's RF Partner

# RF Power Amplifier

## Catalog



# Typical Products



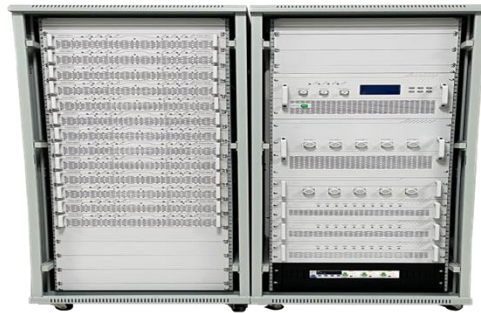
# Product Overview

## Transferline Microwave

Designes and produces customized solutions with RF power amplifiers and RF power amplifier systems. In our product database, you will find a suitable system solution for your application. Unique power combining technology and high power GaN transistors make the amplifiers products more reliable, built-in over temperature, over standing wave and other comprehensive protection functions will further ensure the amplifier reliability requirements.

## Main Features

- ◆ Broadband frequency coverage: DC to 50 GHz
- ◆ Miniaturized and compact design
- ◆ Unique Power Combining Technology
- ◆ High power GaN and LDMOS devices
- ◆ Modular products, Benchtop products and various test accessories



# RF Power Amplifier

## RF Amplifier Modules

High power solid state microwave power amplifier modules have excellent reliability and performance, the frequency range can cover 0.1 GHz-18.0 GHz, the output power can cover 10W-1000W, built-in over temperature, over standing wave and other comprehensive protection functions, the module uses GaN and LDMOS transistors combined with broadband matching theory for design and development, to further ensure the module reliability requirements.

### Main Features

- ◆ Wider frequency band coverage, adjustable gain and high output power
- ◆ Miniaturized, modular structure design
- ◆ Outstanding frequency response characteristic
- ◆ Fully integrated design, high reliability

### Specifications

Model	Frequency range ( GHz)	Gain (Min.)	Output Power (Min.)	VSWR (typ.)	Gain Flatness (±dB)	Operating Temperature (°C)	Working Voltage	Connector Type
TLCMA-000 020003-200	2 MHz to 30 MHz	53	200	2.5	2.0	-40 to +75	48V	SMA(F)/ N(F)
TLCMA-000 3005-100	30 MHz to 500 MHz	50	100	2.5	2.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-001 005-200	100 MHz to 500 MHz	53	200	2.5	2.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-002 004-200	200 MHz to 400 MHz	53	200	2.5	2.0	-40 to +75	48V	SMA(F)/ N(F)
TLCMA-004 008-200	400 MHz to 800 MHz	53	200	2.5	2.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-005 010-100	500 MHz to 1000 MHz	50	100	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-000 8010-100	80 MHz To 1000 MHz	50	100	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-005 020-50	500 MHz to 2.0 GHz	47	50	2.5	2.0	-40 to +75	28V	SMA(F)/ N(F)

TLCMA-005 025-25	500 MHz to 2.5 GHz	44	25	2.5	2.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 022-60	700 MHz to 2.2 GHz	48	60	2.5	2.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-006 027-60	600 MHz to 2.7 GHz	48	60	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-006 027-20	600 MHz to 2.7 GHz	43	20	2.5	1.5	-40 to +55	28V	SMA(F)/ N(F)
TLCMA-006 027-60	600 MHz to 2.7 GHz	48	60	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 027-20	700 MHz to 2.7 GHz	43	20	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 027-60	700 MHz to 2.7 GHz	48	60	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 030-20	700 MHz to 3.0 GHz	43	20	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 030-60	700 MHz to 3.0 GHz	48	60	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 042-60	700 MHz to 4.2 GHz	48	60	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-007 060-30	700 MHz to 6 GHz	45	30	2.5	4.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-010 040-20	1.0 GHz to 4.0 GHz	43	20	2.0	2.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-011 018-20	1.1 GHz to 1.8 GHz	43	20	2.5	2.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-011 018-60	1.1 GHz to 1.8 GHz	48	60	2.5	2.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-020 040-20	2.0 GHz to 4.0 GHz	43	20	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)

TLCMA-020 040-60	2.0 GHz to 4.0 GHz	48	60	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-033 037-120	3.3 GHz to 3.7 GHz	51	120	2.0	2.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-020 060-50	2.0 GHz to 6.0 GHz	47	50	2.5	3.0	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-044 050-50	4.4 GHz to 5.0 GHz	47	50	2.0	2.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-044 050-100	4.4 GHz to 5.0 GHz	50	100	2.0	2.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-050 060-200	5.0 GHz to 6.0 GHz	50	200	2.0	2.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-050 060-50	5.0 GHz to 6.0 GHz	47	50	2.0	3.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-050 060-100	5.0 GHz to 6.0 GHz	50	100	2.0	3.5	-40 to +75	28V	SMA(F)/ N(F)
TLCMA-057 059-100	5.72 GHz to 5.93 GHz	50	100	2.0	3.0	-40 to +75	48V	SMA(F)/ N(F)
TLCMA-050 060-200	5.72 GHz to 5.93 GHz	53	200	2.0	3.0	-40 to +75	48V	SMA(F)/ N(F)
TLCMA-053 059-30	5.3 GHz to 5.9 GHz	45	30	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)
TLCMA-053 059-60	5.3 GHz to 5.9 GHz	48	60	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)
TLCMA-085 096-25	8.5 GHz to 9.6 GHz	44	25	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)
TLCMA-085 096-60	8.5 GHz to 9.6 GHz	48	60	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)
TLCMA-095 105-20	9.5 GHz to 10.5 GHz	43	20	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)

TLCMA-095 105-40	9.5 GHz to 10.5 GHz	46	40	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)
TLCMA-127 132-20	12.7 GHz to 13.2 GHz	43	20	2.0	2.0	-40 to +75	12V	SMA(F)
TLCMA-127 132-40	12.7 GHz to 13.2 GHz	46	40	2.0	2.0	-40 to +75	12V	SMA(F)/ N(F)
TLCMA-137 145-06	13.7 GHz to 14.5 GHz	38	6	2.0	2.0	-40 to +75	12V	SMA(F)
TLCMA-137 145-25	13.7 GHz to 14.5 GHz	44	25	2.0	2.0	-40 to +75	12V	SMA(F)
TLCMA-137 145-40	13.7 GHz to 14.5 GHz	46	40	2.0	2.0	-40 to +75	12V	SMA(F)

Notes: The specifications are based on the product datasheet. If there is any change, Please understand we are unable to notify you in time.

## CW Power Amplifiers

CW power amplifier frequency range can cover DC to 18 GHz, the output power can cover 10 to 1000W, suitable for doing more power capacity testing occasions. The product uses GaN high power devices in the design process and adopts broadband matching theory for the design, thus it has the characteristics of high power, high gain and low distortion. It comes with a variety of protection functions, which makes the stability and reliability of the product greatly improved and reduces the failure rate in the harsh use environment.

### Main Features

- ◆ Wider frequency band coverage, adjustable gain and high output power
- ◆ Compact structure, easy to use
- ◆ Internal various protection functions
- ◆ Integrated output power display, implement remote control function

### Specifications

Model	Frequency range ( GHz)	Gain (Min.)	Output Power (Min.)	VSWR (typ.)	Gain Flatness (±dB)	Operating Temperature (°C)	Working Voltage	Connector Type
TLCPA-000020 003-200	2 MHz to 30 MHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-000300 5-200	30 MHz to 500 MHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-004008 -200	400 MHz to 800 MHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-004008 -300	400 MHz to 800 MHz	55	300	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-004008 -500	400 MHz to 800 MHz	57	500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-007010 -200	700 MHz to 1 GHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-007010 -300	700 MHz to 1 GHz	55	300	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-007010 -500	700 MHz to 1 GHz	57	500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-014017 -200	1.4 GHz to 1.7 GHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-014017 -300	1.4 GHz to 1.7 GHz	55	300	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-014017 -500	1.4 GHz to 1.7 GHz	57	500	2	1.5	0 to +75	220V	SMA(F)/ N(F)



TLCPA-018022 -200	1.8 GHz to 2.2 GHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-018022 -300	1.8 GHz to 2.2 GHz	55	300	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-018022 -500	1.8 GHz to 2.2 GHz	57	500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-023027 -200	2.3 GHz to 2.7 GHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-023027 -300	2.3 GHz to 2.7 GHz	55	300	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-023027 -500	2.3 GHz to 2.7 GHz	57	500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-027035 -200	2.7 GHz to 3.5 GHz	53	200	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-027035 -300	2.7 GHz to 3.5 GHz	55	300	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-027035 -500	2.7 GHz to 3.5 GHz	57	500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-027035 -1000	2.7 GHz to 3.5 GHz	60	1000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-034038 -200	3.4 GHz to 3.8 GHz	53	200	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-034038 -300	3.4 GHz to 3.8 GHz	55	300	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-034038 -500	3.4 GHz to 3.8 GHz	57	500	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-033037 -200	3.3 GHz to 3.7 GHz	53	200	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-033037 -300	3.3 GHz to 3.7 GHz	55	300	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-033037 -500	3.3 GHz to 3.7 GHz	57	500	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-037042 -100	3.7 GHz to 4.2 GHz	50	100	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-037042 -200	3.7 GHz to 4.2 GHz	53	200	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-044050 -50	4.4 GHz to 5 GHz	47	50	2.0	2.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-044050 -100	4.4 GHz to 5 GHz	50	100	2.0	2.5	0 to +75	220V	SMA(F)/ N(F)
TLCPA-044050 -200	4.4 GHz to 5 GHz	53	200	2.0	2.5	0 to +75	220V	SMA(F)/ N(F)

TLCPA-050060-50	5 GHz to 6 GHz	47	50	2.0	3.5	0 to +75	220V	SMA(F)/N(F)
TLCPA-050060-100	5 GHz to 6 GHz	50	100	2.0	3.5	0 to +75	220V	SMA(F)/N(F)
TLCPA-050060-200	5 GHz to 6 GHz	53	200	2.0	3.5	0 to +75	220V	SMA(F)/N(F)
TLCPA-057059-100	5.72 GHz to 5.93 GHz	50	100	2.0	3.0	0 to +75	220V	SMA(F)/N(F)
TLCPA-050060-200	5.72 GHz to 5.93 GHz	53	200	2.0	3.0	0 to +75	220V	SMA(F)/N(F)
TLCPA-050060-300	5.72 GHz to 5.93 GHz	55	300	2.0	3.0	0 to +75	220V	SMA(F)/N(F)

Notes: The specifications are based on the product datasheet. If there is any change, Please understand we are unable to notify you in time.

## Pulse Power Amplifiers

Pulse power amplifier is our main amplifier products, the frequency range can cover DC to 18 GHz, the output power can cover 1000W to 5000W, suitable for doing more power capacity testing occasions. The product uses GaN high power devices in the design process and adopts broadband matching theory for design, thus it has the characteristics of high power, high gain and low distortion. It comes with a variety of protection functions, which makes the stability and reliability of the product greatly improved and reduces the failure rate in the harsh use environment.

### Main Features

- ◆ Wider frequency band coverage, adjustable gain and high output power
- ◆ Compact structure, easy to use
- ◆ pulse amplification capability
- ◆ Internal various protection functions
- ◆ Integrated output power display, implement remote control function

### Specifications

Model	Frequency range (GHz)	Gain (Min.)	Output Power (Min.)	VSWR (typ.)	Gain Flatness (±dB)	Operating Temperature (°C)	Working Voltage	Connector Type
TLPPA-0000100002-2000	1 MHz to 2 MHz	63	2000	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-000020003-2000	2 MHz to 30 MHz	63	2000	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-0003001-1200	30 MHz to 100 MHz	61	1200	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-001005-1200	100 MHz to 500 MHz	61	1200	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-004008-2000	400 MHz to 800 MHz	63	2000	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-004008-4000	400 MHz to 800 MHz	66	4000	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-00430045-60000	430 MHz to 450 MHz	78	60000	2	2.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-005010-2000	500 MHz to 1 GHz	63	2000	2	1.5	0 to +75	220V	SMA(F)/N(F)
TLPPA-007010-2500	700 MHz to 1 GHz	64	2500	2	1.5	0 to +75	220V	SMA(F)/N(F)

TLPPA-00 7010-300 0	700 MHz to 1 GHz	65	3000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-00 7010-400 0	700 MHz to 1 GHz	66	4000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 2014-200 0	1.2 GHz to 1.4 GHz	63	2000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 2014-500 0	1.2 GHz to 1.4 GHz	67	5000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 2014-100 00	1.2 GHz to 1.4 GHz	70	10000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 4017-200 0	1.4 GHz to 1.7 GHz	63	2000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 4017-400 0	1.4 GHz to 1.7 GHz	66	4000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 8022-250 0	1.8 GHz to 2.2 GHz	64	2500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 8022-300 0	1.8 GHz to 2.2 GHz	65	3000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 8022-400 0	1.8 GHz to 2.2 GHz	66	4000	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-02 3027-250 0	2.3 GHz to 2.7 GHz	64	2500	2	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-02 3027-300 0	2.3 GHz to 2.7 GHz	65	3000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-02 3027-400 0	2.3 GHz to 2.7 GHz	66	4000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-02 7035-200 0	2.7 GHz to 3.5 GHz	63	2000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-02 7035-400 0	2.7 GHz to 3.5 GHz	66	4000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-03 4038-250 0	3.4 GHz to 3.8 GHz	64	2500	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-03 4038-300 0	3.4 GHz to 3.8 GHz	65	3000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-03 4038-400 0	3.4 GHz to 3.8 GHz	66	4000	1.5	1.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-03 3037-250 0	3.3 GHz to 3.7 GHz	64	2500	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-03 3037-300 0	3.3 GHz to 3.7 GHz	65	3000	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)

TLPPA-03 3037-400 0	3.3 GHz to 3.7 GHz	66	4000	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-03 7042-200 0	3.7 GHz to 4.2 GHz	63	2000	1.5	2.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-04 4050-500	4.4 GHz to 5 GHz	57	500	2.0	2.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-04 4050-800	4.4 GHz to 5 GHz	59	800	2.0	2.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-04 4050-100 0	4.4 GHz to 5 GHz	60	1000	2.0	2.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-05 0060-500	5 GHz to 6 GHz	57	500	2.0	3.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-05 0060-800	5 GHz to 6 GHz	59	800	2.0	3.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-05 0060-100 0	5 GHz to 6 GHz	60	1000	2.0	3.5	0 to +75	220V	SMA(F)/ N(F)
TLPPA-05 7059-500	5.72 GHz to 5.93 GHz	57	500	2.0	3.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-05 0060-800	5.72 GHz to 5.93 GHz	59	800	2.0	3.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-05 0060-100 0	5.72 GHz to 5.93 GHz	60	1000	2.0	3.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-08 5096-120 0	8.5 GHz To 9.6 GHz	61	1200	2.0	3.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-01 0020-500 0	1 GHz to 2 GHz	67	5000	2.0	4.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-02 0060-120 0	2 GHz to 6 GHz	61	1200	2.0	4.0	0 to +75	220V	SMA(F)/ N(F)
TLPPA-08 0120-120 0	8 GHz to 12 GHz	61	1200	2.0	4.0	0 to +75	220V	SMA(F)/W RD650
TLPPA-06 0180-120 0	6 GHz to 18 GHz	61	1200	2.0	4.0	0 to +75	220V	SMA(F)/W RD650

Notes: The specifications are based on the product datasheet. If there is any change, Please understand we are unable to notify you in time.

## Broadband Power Amplifiers

TLCPA and TLPPA high power solid state microwave power amplifiers have excellent reliability and performance. The products can withstand extremely high reflected power, and have comprehensive protection functions such as over current, over temperature, and over standing wave. The front panel has an integrated LCD display for real-time monitoring of output power and reflected power, and the rear panel has an integrated LAN port or RS485 interface for remote control of the equipment via the host computer.

### Main Features

- ◆ Wider frequency band coverage, adjustable gain and high output power
- ◆ Compact structure, easy to use
- ◆ Internal various protection functions
- ◆ Integrated output power display, implement remote control function

### Specifications

Model	Frequency range(GHz)	Gain(dB) (Min.)	Output Power(W) (Min.)	VSWR (typ.)	Gain Flatness (±dB)	Operating Temperature (°C)	Working Voltage	Connector Type
TLCPA-D C000003-800	DC to 300 kHz	59	800	2	4.0	0 to +75	220V	N(F)/DIN(F)
TLCPA-00 0120-200 00	1Hz to 20 kHz	73	20000	2	4.0	0 to +75	380V	N(F)/DIN(F)
TLCPA-04 40-20000	400 Hz to 40 kHz	73	20000	2	4.0	0 to +75	380V	N(F)/DIN(F)
TLCPA-00 00004000 01-10000	40 kHz to 1 MHz	70	10000	2	4.0	0 to +75	380V	N(F)/DIN(F)
TLCPA-00 00000400 01-100	4 kHz to 10 kHz	50	100	2	5.0	0 to +75	220V	N(F)/DIN(F)
TLCPA-00 00010025 -200	100 kHz to 250 MHz	53	200	2	5.0	0 to +75	220V	N(F)/DIN(F)
TLCPA-00 00001004 -100	10 KHz to 400 MHz	50	100	2	5.0	0 to +75	220V	N(F)/DIN(F)
TLCPA-00 00001000 1-1000	10 kHz to 100 MHz	60	1000	2	4.0	0 to +75	220V	N(F)/DIN(F)
TLCPA-00 00001000 1-2000	10 KHz to 100 MHz	63	2000	2	3.0	0 to +75	220V	N(F)/DIN(F)
TLCPA-00 00001000 1-3000	10 kHz to 100 MHz	65	3000	2	4.0	0 to +75	220V	N(F)/DIN(F)

TLCPA-00 00001000 1-5000	10 kHz to 100 MHz	67	5000	2	4.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 00001000 1-10000	10 kHz to 100 MHz	70	10000	2	4.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 0020003- 500	2 MHz to 30 MHz	57	500	2	3.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 0020003- 4000	2 MHz to 30 MHz	66	4000	2	3.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 03005-20 0	30 MHz to 500 MHz	53	200	2	3.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 03005-50 0	30 MHz to 500 MHz	57	500	2	3.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 08005-10 00	80 MHz to 500 MHz	60	1000	2	2.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 08005-20 00	80 MHz to 500 MHz	63	2000	2	2.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 08005-30 00	80 MHz to 500 MHz	65	3000	2	2.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 5010-100 0	500 MHz to 1 GHz	60	1000	2	2.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 5010-200 0	500 MHz to 1 GHz	63	2000	2.0	2.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 5010-300 0	500 MHz to 1 GHz	65	3000	2.0	2.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 08010-25 0	80 MHz to 1 GHz	54	250	2.0	4.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 08010-50 0	80 MHz to 1 GHz	57	500	2.0	4.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 08010-10 00	80 MHz to 1 GHz	60	1000	2.0	4.0	0 to +75	220V	N(F)/ DIN(F)
TLCPA-00 6027-200	600 MHz to 2.7 GHz	53	200	2.0	3.0	0 to +75	220V	N(F)/ N(F)
TLCPA-00 7042-200	700 MHz to 4.2 GHz	53	200	2.0	3.0	0 to +75	220V	N(F)/ N(F)
TLCPA-00 8042-200	800 MHz to 4.2 GHz	53	200	2.0	3.0	0 to +75	220V	N(F)/ N(F)
TLCPA-00 8042-500	800 MHz to 4.2 GHz	57	500	2.0	3.5	0 to +75	220V	N(F)/ N(F)
TLCPA-00 7060-100	700 MHz to 6 GHz	50	100	2.0	4.0	0 to +75	220V	N(F)/ N(F)

TLCPA-01 0025-250	1 GHz to 2.5 GHz	54	250	2.0	2.0	0 to +75	220V	N(F)/ N(F)
TLCPA-01 0025-500	1 GHz to 2.5 GHz	57	500	2.0	2.0	0 to +75	220V	N(F)/ N(F)
TLCPA-01 0060-100	1 GHz to 6 GHz	50	100	2.0	4.0	0 to +75	220V	N(F)/ N(F)
TLCPA-01 0060-200	1 GHz To 6 GHz	53	200	2.0	4.0	0 to +75	220V	N(F)/ N(F)
TLCPA-02 5060-200	2.5 GHz to 6 GHz	53	200	2.0	4.0	0 to +75	220V	N(F)/ N(F)
TLCPA-02 5060-500	2.5 GHz to 6 GHz	57	500	2.0	4.0	0 to +75	220V	N(F)/ N(F)
TLCPA-02 0180-25	2 GHz to 18 GHz	44	25	2.0	4.0	0 to +75	220V	SMA(F)/ SMA(F)
TLCPA-02 0180-50	2 GHz to 18 GHz	47	50	2.0	4.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-06 0180-50	6 GHz to 18 GHz	47	50	2.0	4.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-06 0180-100	6 GHz to 18 GHz	50	100	2.0	4.0	0 to +75	220V	SMA(F)/ N(F)
TLCPA-06 0180-200	6 GHz to 18 GHz	53	200	2.0	4.0	0 to +75	220V	SMA(F)/ WRD650
TLCPA-18 0265-50	18 GHz to 26.5 GHz	47	50	2.0	3.0	0 to +75	220V	2.92(F)/ WR42
TLCPA-18 0265-100	18 GHz to 26.5 GHz	50	100	2.0	3.0	0 to +75	220V	2.92(F)/ WR42
TLCPA-26 5400-40	26.5 GHz to 40 GHz	46	40	2.0	4.0	0 to +75	220V	2.92(F)/ WR28
TLCPA-26 5400-100	26.5 GHz to 40 GHz	50	100	2.0	4.0	0 to +75	220V	2.92(F)/ WR28

Notes: The specifications are based on the product datasheet. If there is any change, Please understand we are unable to notify you in time.



## **RF Power Amplifier Accessories**

RF power amplifier accessories such as the Directional Couplers, RF Power Attenuators, and RF Power Terminations will be used frequently in the testing. If the customers need these accessories, we will provide the customized configuration service for them.