

## MTPA95117240202

### 950-1700MHz Redundant Line Power Amplifier

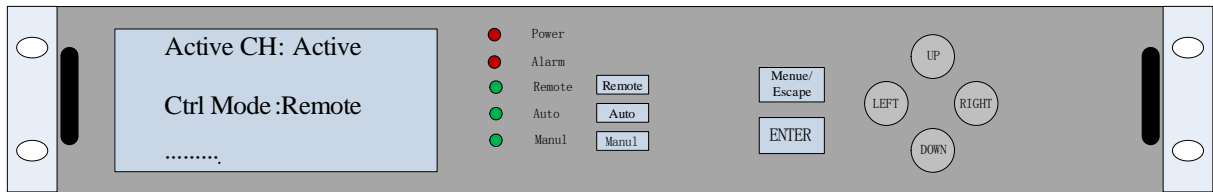
The MTPA95117240202 are designed to ensure continuous operation without disruption of signal transmission. It uses advanced microwave device technology and provides high reliability and ruggedness product for our customer. The MTPA95117240202 has the function of over current and over temperature protection to guarantee the safety of working in various harsh conditions. A fault condition in the on-line amplifier, or an operator generated command, will switch the standby amplifier to the on-line position and remove the on-line amplifier from the signal path.

#### Features

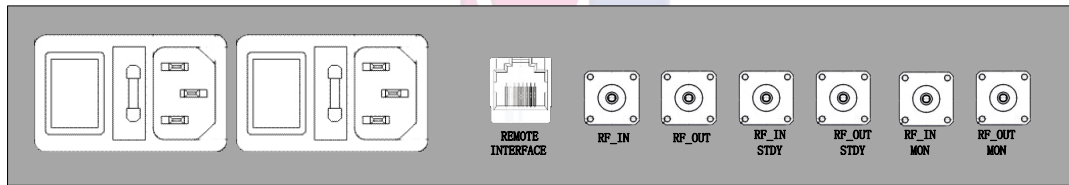
- With SNMP network management protocol functions
- Auto & manual switching capability , Dual AC power supply(hot swappable)
- Can be controlled via the front panel LED or LCD panel
- Remote status
- Off-line input/output access
- Amplifier current fault detection
- Time-stamped alarm history
- 1U in height,19-inch rack-mount design

<b>Description</b>	
Frequency range	950 ~1700 MHz
Gain	$\geq 40\text{dB}$
Gain flatness	0.2 dB typical per 40 MHz
Gain adjustable range	30dB
Adjust the interval (step)	0.2
Gain slope	0.1 dB/10 MHz
Gain stability	$\pm 0.2$ dB/24 hours
Power output (1 dB compression)	$\geq 20$ dBm
Channel-to-channel gain match	$\leq 2.0$ dB
Noise figure	$\leq 3$ dB
Isolation	$\geq 50$ dB
Input return loss	$\geq 18\text{dB}$
Input/output connector	N Type
Input/output impedance	50 ohms
Local and remote input (out) level control	20 dB, 1 dB/steps or 0.5 dB/steps adjustable
With RF input/output monitor port	$\leq -15$ dBc
With Ethernet interface	Ethernet , RJ-45
Dimensions LxWxH	13.77x19x1.75inch
Weight	10kg
<b>Primary Power Requirements</b>	
Frequency	47–63 Hz
Voltage	90-240VAC
Power consumption	40 W typical
<b>Environmental</b>	
Temperature	-10 to +50 °C
Humidity	95% RH under conditions to continue its normal operation

## Typical Front /Rear Panel View



Front Panel View



Rear Panel View

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### About Microwave Town



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