

## 4 TX 4 RX Transmission & Receiver System 136 ~ 174MHz

### Application

- ▶ Wireless communication base stations and antenna feed systems.
- ▶ Remote control and Internet of Things devices.
- ▶ Military, Space and Commercial applications.
- ▶ It supports a one-year standard warranty.

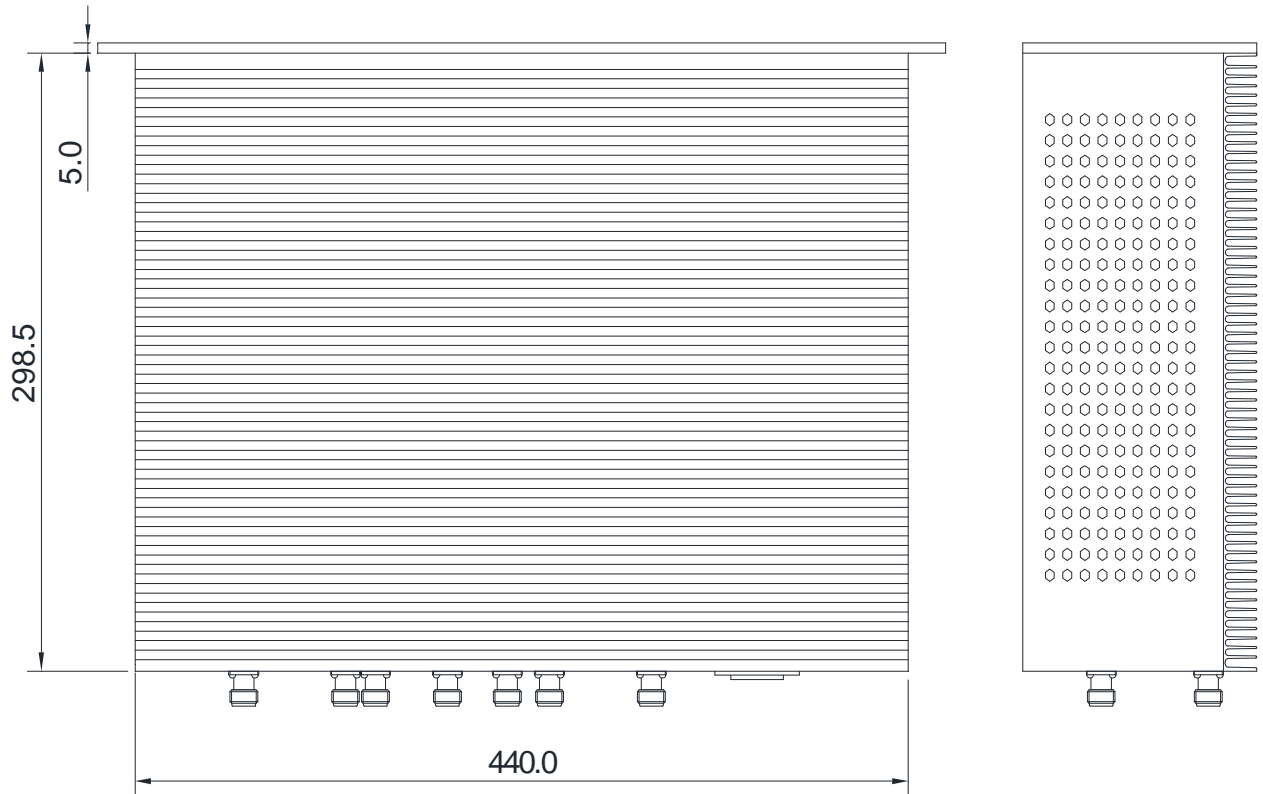
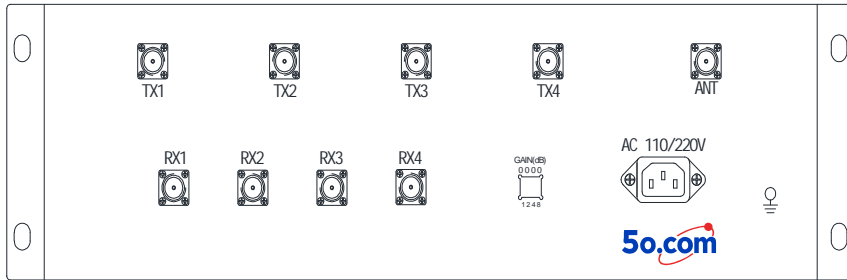
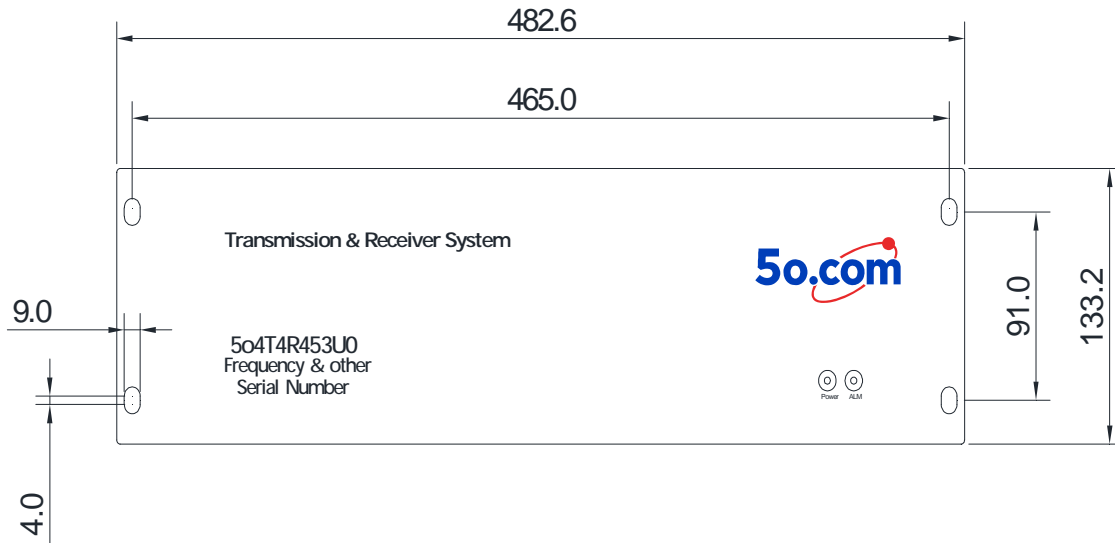
### RF Characteristics

Part Number	Frequency Range (MHz)		Isolation Min(dB)	VSWR Max
	TX	RX		
5o4T4R453U0137143NK	142 ~ 143	137 ~ 138	TX-TX: 70dB ANT-TX: 50dB RX-RX: 25dB	1.25:1 Max.@Port 1.4:1 Max. @ANT
5o4T4R453U0146154NK	152 ~ 154	146 ~ 148	TX-TX: 70dB ANT-TX: 50dB RX-RX: 25dB	1.25:1 Max.@Port 1.4:1 Max. @ANT
5o4T4R453U0159165NK	164 ~ 165	159 ~ 160	TX-TX: 70dB ANT-TX: 50dB RX-RX: 25dB	1.25:1 Max.@Port 1.4:1 Max. @ANT
5o4T4R453U0167173NK	172 ~ 173	167 ~ 168	TX-TX: 70dB ANT-TX: 50dB RX-RX: 25dB	1.25:1 Max.@Port 1.4:1 Max. @ANT
5o4T4R453U0168174NK	173 ~ 174	168 ~ 169	TX-TX: 70dB ANT-TX: 50dB RX-RX: 25dB	1.25:1 Max.@Port 1.4:1 Max. @ANT

### Basic Specifications

Insertion Loss	9.5dB Max. @TX-ANT
Duplexer	80dB Min. @TX-RX
Number of Channels	N Female @4xTX N Female @4Rx N Female @1xANT
Input Power	TX-ANT 50W/CH
Receiver Multicoupler Amp	Yes
Maximum Amplifier Gain	+6dBm ± 1dBm @ANT-RX
Amplifier NF	4.5dB Max.
Alarm mode	Amplifier fault alarm
Standard Voltage Required	AC 110/220V
Weight	~ 18.5 Kg
Dimension	3U (482.6*298.5*133.2)mm
Appearance color	Black
Operating Temp	-30~+75°C
Storage temperature	-55~+125°C

Overall Dimension(mm)



Tolerances:  $\pm 2\%$  unless otherwise stated.