

# Single band duplexer 900 MHz indoor

Model : DUP-1091-VE

## Feature

900MHz duplexer is an antenna duplexer that separated TX and RX



## Application

- Cellular indoor network.
- Amplifier
- Repeater
- Small Cell

## Electrical characteristics

	Port 1	Port 2
Frequency Band	880-915MHz	925-960MHz
Insertion Loss	≤ 1.5dB max	≤ 0.7dB max
V.S.W.R	≤ 1.3 max.	
Isolation (Between port 1 and 2)	≥ 50dB min	
Attenuation	50dB at 875 MHz	
Impedance	50Ω	
Average Maximum Power	CW 80W Max	

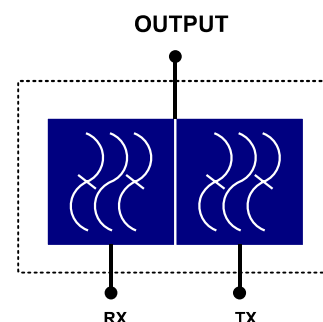
## Mechanical characteristics

Dimensions	228×160×51 mm (Height x Width x Depth)
Weight	≤ 500g Max
Connector	SMA female input and output ports
Number of Port	Input: 2 ports, Output: 1 port
Mounting type	Non
Bracket	Bracket embedded
Finish	Black paint

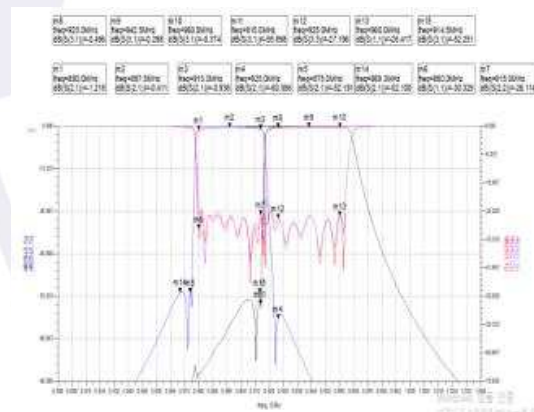
## Environmental characteristics

Operating Temperature	-10 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	0~95% ~ +35°C
RoHS Applicant	Complied

## Block diagram



## Simulation



## Drawing

