

Single band duplexer 1800 MHz indoor

Model : DUP-1093-VH

Feature

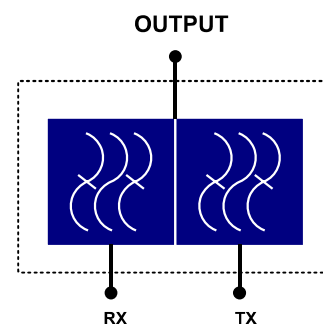
1800MHz duplexer is an antenna duplexer that separated TX and RX



Application

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

Block diagram



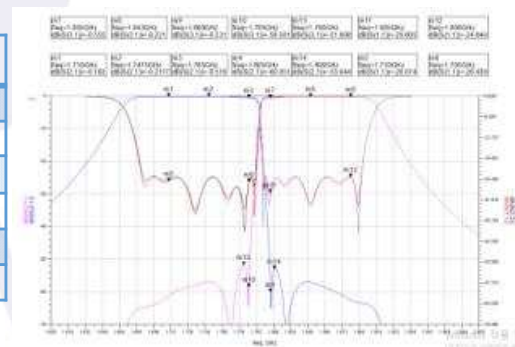
Electrical characteristics

	Port 1	Port 2
Frequency Band	1710-1785MHz	1805-1880MHz
Insertion Loss	≤ 0.7dB 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	102×95×41 mm (Height x Width x Depth)
Weight	≤ 400g 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

Simulation



Environmental characteristics

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

Drawing

