

Dual band Duplexer 850-2100 MHz indoor

Model : QUD-1019-VEUE

Feature

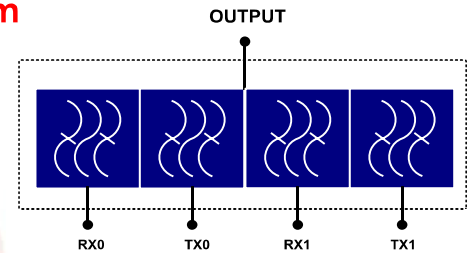
850MHz /2.1GHz dual band duplexer is an antenna duplexer that shares 2 frequencies of band 5 and band 1.



Application

- Cellular indoor network
- Amplifier.
- Repeater.

Block diagram



Electrical characteristics

Band	850MHz		2100MHz	
	TX0	RX0	TX1	RX1
Frequency	860-880MHz	824-849MHz	2110-2170MHz	1920-1980MHz
Insertion Loss	≤ 1.7dB max	≤ 1.0dB	≤ 0.5dB	≤ 0.5dB
V.S.W.R	≤ 1.3 max.			
Attenuation 1	50dB@885MHz	N/A	N/A	50dB@885MHz
Isolation Rx-Tx	824-849MHz 60dB 1920-2170MHz 60dB	860-885MHz 60dB 1920- 2170MHz 60dB	824-885MHz 60dB 1920-1980MHz 60dB	824-885MHz 60dB 2110-2170MHz 60dB
Impedance	50Ω			
Average Maximum Power	CW 40W Max	CW 1W Max	CW40W Max	CW 1W Max

Mechanical characteristics

Dimensions	166×171×53 mm (Height x Width x Depth)
Weight	≤ 1.9 kg Max
Connector	All ports SMA-Female
Number of Port	Input: 4 ports, Output: Antenna 1 port
Bracket	Brackets or with housing Machined for each edges.

Environmental characteristics

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

Drawing

