

Dual band Duplexer 850-900 MHz indoor

Model : QUD-1017-VE

Feature

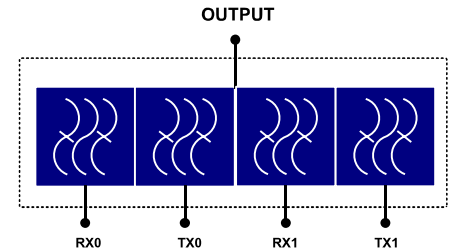
850/900MHz dual band duplexer is an antenna duplexer that shares 2 frequencies of band 5 and band 8.



Application

- Cellular indoor network
- Amplifier.
- Repeater.

Block diagram



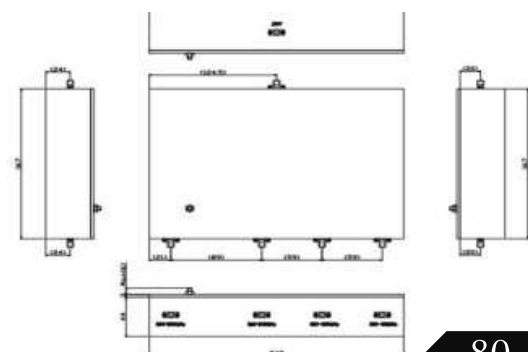
Electrical characteristics

Band	850MHz		900MHz	
	TX0	RX0	TX1	RX1
Frequency	860-880MHz	824-849MHz	930-960MHz	890-915MHz
Insertion Loss	≤ 1.6dB max	≤ 0.8dB	≤ 0.6dB	≤ 1.5dB
V.S.W.R	≤ 1.3 max.			
Attenuation 1	50dB @885MHz	N/A	N/A	50dB @885MHz
Isolation Rx-Tx	824-849MHz 60dB 890s-960MHz 60dB	860-960MHz 60dB	824-915MHz 60dB	824-880MHz 60dB 930-960MHz 60dB
Impedance	50Ω			
Average Maximum Power	CW 40W Max	CW 1W Max	CW 40W Max	CW 1W Max

Mechanical characteristics

Dimensions	167×249×53mm (Height x Width x Depth)
Weight	≤ 2.7 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.

Drawing



Environmental characteristics

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