

# Quad band combiner 700/900/1800/2600MHz

Model : QUD-1037-VEUE

## Feature

- Quad Band Combiner is an antenna duplexer that shares 4 frequencies.
- The product is designed 700/ 900/ 1800/ 2600MHz for GSM/WCDMA/LTE System.
- It is equipped 1 output ports and 4 input ports and build in rack 1U 19inch



## Application

Cellular indoor network.

## Electrical characteristics

	Port 1	Port 2	Port 2	Port 4
Frequency Band	703 – 803 MHz	873 - 960MHz	1710-1880MHz	2500 – 2690MHz
Insertion Loss	≤ 1.2 dB max		≤ 0.5dB max	
V.S.W.R	≤ 1.35 max			
Isolation (Between port 1 and 2)	≥ 50dB min			
Impedance	50Ω			
Input power	80W/port			
Average Maximum Power	CW 250W Max			

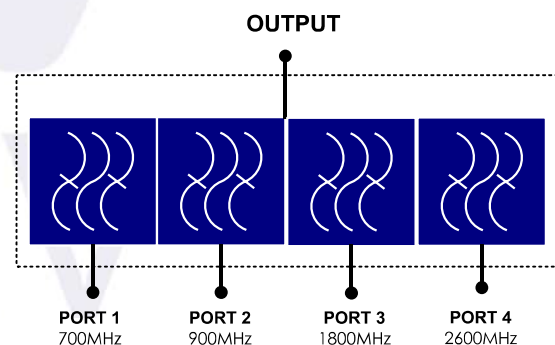
## Mechanical characteristics

Dimensions	1U
Weight	≤ 5 kg Max
Connector	N- Female
Number of Port	Input: 3 ports, Output: 1 ports
Mounting type	Rack 19 inch

## Environmental characteristics

Operating Temperature	-10 to +50°C
Storage Temperature	-20 to +60°C
Relative Humidity	0~98% ~ + 35°C
RoHS Applicant	Complied

## Block diagram



## Drawing

