

Dual band Filter 850MHz/900MHz

Model : DUP – 1014 – VE

Feature

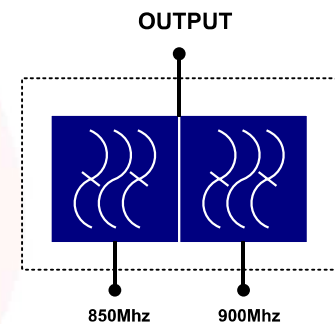
- Integrates Dual Bands Combiner with a 5MHz Rejection
- Sharp cut edge frequency
- Supported 2G/3G/4G

Application

- Telecommunication purpose
- Outdoor Antenna combiner
- Interference Frequency site



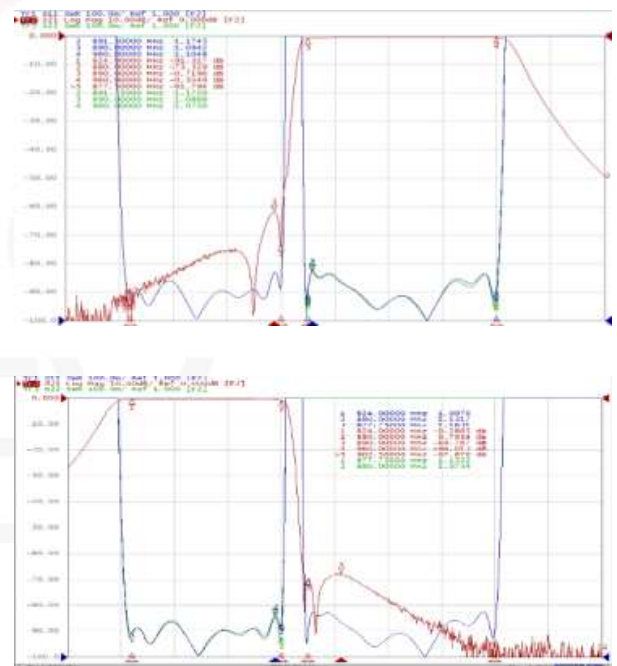
Block diagram



Electrical characteristics

	Port 1 850MHz	Port 2 900MHz
Frequency Band	824~875MHz	880~960MHz
Insertion Loss	≤ 1.5dB max	≤ 1.5dB max
V.S.W.R	≤ 1.3 max	
Attenuation	50dB min @880~ 960MHz	50dB min @824~ 875MHz
Impedance	50Ω	
Average Maximum Power	CW 100W Max	

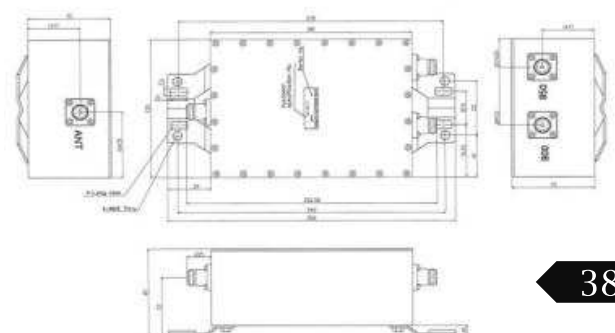
Simulation



Mechanical characteristics

Dimensions	182×135×85 mm (Height x Width x Depth)
Weight	5 kg Max (Not included Band Clamp)
Connector	N-Female female input and output ports (customize to N or 4.3-10)
Number of Port	Input: 2 ports, Output: 1 port
Mounting type	Wall & Poll
Bracket	Stainless steel
Color	Beige

Drawing



Environmental characteristics

Operating Temperature	-20 to +60°C
Storage Temperature	-30 to +60°C
Relative Humidity	0~98% @ +35°C
Waterproof	IP-65
RoHS Applicant	Complied