

Dual band combiner 2300-2600MHz/3400-3600MHz



Feature

- Dual Band Combiner is an antenna duplexer that shares 2 frequencies.
- The product is designed 2300-2600MHz/3400-3600MHz for WCDMA/LTE/5G NR System.
- It is equipped 2 output ports and 4 input ports and waterproof function.
- DC pass low port



Application

Cellular outdoor /Indoor network.

Electrical characteristics

	Port 1,3	Port 2,4
Frequency Band	2305~2673MHz	3400~3600MHz
Insertion Loss	0.2 dB max	
Return Loss	15 dB min	
Isolation between ports	50dB min	
Attenuation	60dBmin @3400~3600MHz 60dBmin @2305~2673MHz	
Impedance	50Ω All ports	
DC pass	3A, 30V	
Passive Intermodulation	-160dBc (3 rd order with 2x43dBm)	
Average Maximum Power	CW 200W	

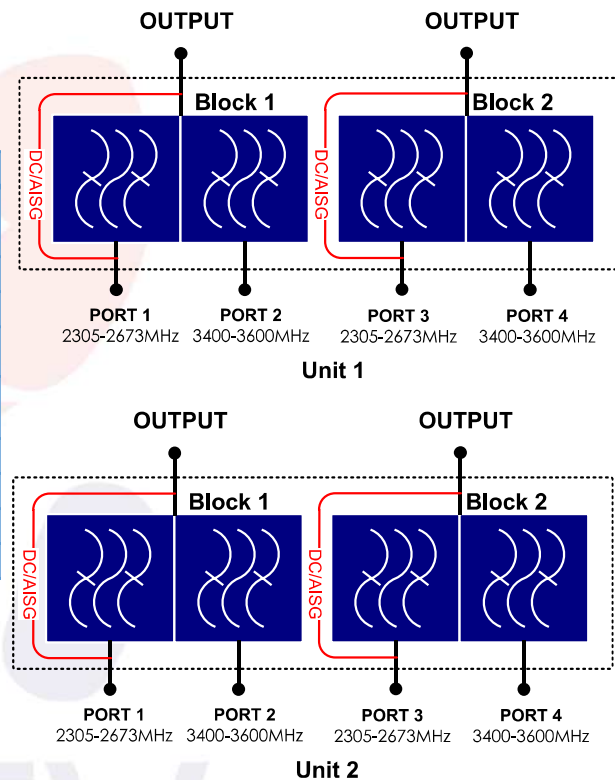
Mechanical characteristics

Dimensions	186x140x102.2mm ((Height x Width x Depth)
Weight	TBD
Connector	4.3-10 female input and output ports (customize to N or 7-16 DIN)
Number of Port	Single Unit- Input: 4 ports, Output: 2 ports Double Unit - Input: 8 ports, Output: 4 ports
Mounting type	Wall & Poll
Bracket	Stainless steel

Environmental characteristics

Operating Temperature	-20 to +85°C
Relative Humidity	0~98% RH30 °C non-condensing
Waterproofing Class	IP67
Lightning Protection	3kA Lightning Surge Current Waveform 10/350 waveform
RoHS Applicant	Complied

Block diagram



Drawing

