

Main Features

- Low VSWR, high isolation
- Low PIM, low insertion loss
- Compact design for easy installation
- Customized band is available



Electrical Specifications

Items	Value	
Frequency	900-1: 895~905/940~950MHz (SIMBA)	2600-1: 2500-2520/2620-2640MHz (STARHUB)
	900-2: 905~915/950~960MHz (SINGTEL)	2600-2: 2520-2540/2640-2660MHz (M1)
	900-3: 890~895/935~940MHz (M1)	2600-3: 2540-2560/2660-2680MHz (SINGTEL)
	900-4: 885~890/930~935MHz (STARHUB)	2300: 2300-2340MHz (SIMBA)
	1800-1: 1710~1740/1805~1835MHz (SINGTEL)	700-1: (Reserved)
	1800-2: 1765~1785/1860~1880MHz (M1)	700-2: (Reserved)
	1800-3: 1740~1765/1835~1860MHz (STARHUB)	700-3: (Reserved)
	2100-1: 1930~1955/2120~2145MHz (SINGTEL)	2500-1: (Reserved)
	2100-2: 1955~1980/2145~2170MHz (STARHUB+M1)	2500-2: (Reserved)
	2100-3: 1920~1930/2110~2120MHz (SIMBA)	
Return loss	≤-18dB for BTS ports	
Insertion loss	Splitting loss+ Transmission loss ±Ripple	
iDEN	3.0 dB +3.7dB (Typ.,4.0dB Max) ±0.5	
900	3.0 dB+1.7dB (Typ.,2.2 dB Max) ±0.9	
1800/2100	3.0 dB+2.5dB (Typ.,2.8dB Max) ±0.3	
2600	3.0 dB+5.7dB (Typ.,6.2 dB Max) ±0.9	
Isolation		
Same bands:	45-50dB Typical (33dB Min)	
Different bands:	100dB Typical (91dB Min) 2100 to others, 110dB Typical (100dB Min) TDD2500 to FDD2600	
	65dB (50dB Min) 700&900&1800 to other	
Power handling	60W@700, 100W@other	
Intermodulation (3rd order)	≤ -155dBc (Rx band) 2 x 20 W (TX band)	
Impedance	50Ω	

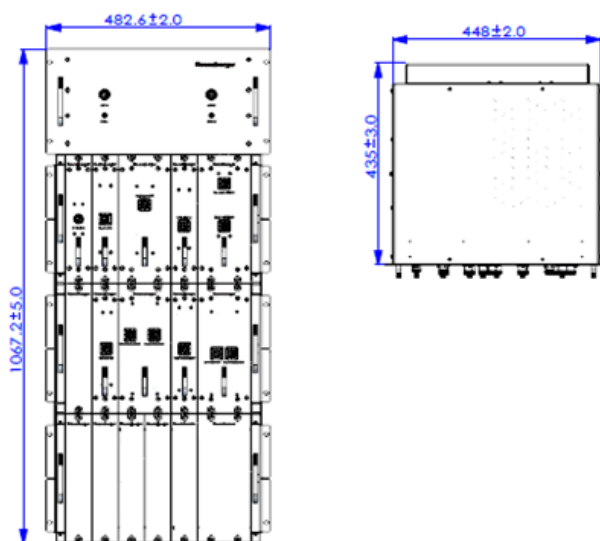
Environmental Specifications

Items	Value
Operating temperature range	-5°C to +55°C
Storage temperature range	-25°C to +60°C
Relative humidity	5%- 95%
Applications	Indoor

Mechanical Specifications

Items	Value
Connectors type	4.3-10 female
BTS Ports	14
ANT Ports	2
Monitor ports	2 (30 ±3dB, ant port to Monitor port)
Mounting	19" standard cabinet mount
Packing	1Pcs in box

Outline Drawing



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