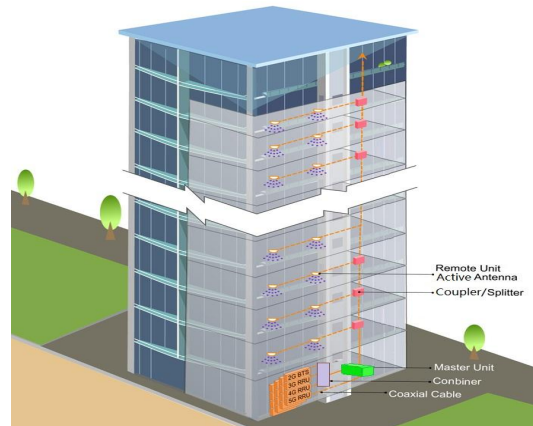


## Application



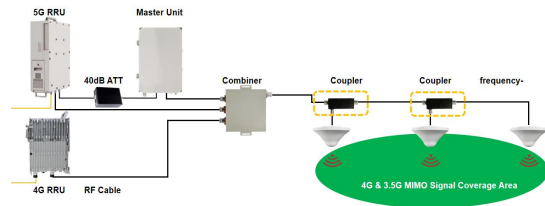
Master Unit



## Features

- ▶ It can integrate with other existing systems smoothly for indoor coverage
- ▶ Utilizing frequency shifting technique to achieve SISO/MIMO within a single cable
- ▶ Remote Unit is a Passive Antenna— safe, energy-saving, and eco-friendly
- ▶ Built-in 5G TDD baseband synchronization module ensures precise time slot synchronization.
- ▶ Seamless upgrade to 5G is achievable without replacing any existing components

## Schematic Diagram



## Specifications

P-M-N3500-MU(Master Unit,DC Coupling)		Uplink	Downlink
Frequency Range	Working Frequency	3400 - 3600 MHz	3400 - 3600 MHz
	Transmission Frequency	1170 - 1370 MHz	1170 - 1370 MHz
	LO Frequency	/	2230 MHz
Bandwidth		200MHz	200MHz
Max.Gain		≥ 50 ± 3dBm	≥ 50 ± 3dBm
Manual Gain Control		30 dB in step of 1 dB	
Automatic Gain Control		≤ 30dB	
Passband Ripple		≤ 1dB	
Max. Input Power Without Damage		0 dBm	
Output Power		≥ 0 ± 2 dBm	≥ 50 ± 2 dBm
Operating band unwanted emission limits		Comply with 3GPP	
Spurious Emission	9KHz~1GHz	≤ -36dBm/100KHz	
	1GHz~12.75GHz	≤ -30dBm/1MHz	
ACPR	±100MHz	≤ -36dBc/30kHz	≤ -40dBc/30kHz
	±200MHz	≤ -40dBc/30kHz	≤ -50dBc/30kHz
Frequency Stability		≤ ±0.01ppm	
EVM		≤ 3.5%	
VSWR		≤ 1.5	
Noise Figure		≤ 5dB	
Group Delay		≤ 500ns	
Impedance		50 Ω	
Insertion Loss		≤ 0.5dB	
RF Connector		N-Female*2	
Impedance		50 Ω	
Power Consumption		≤ 650W	
Power Supply		AC 100~240 V,50/ 60 Hz	
Dimensions		452*316*185mm	
Weight		≤ 25 Kg	
LED Indicator		RF-PWR/VSWR/PWR/ALARM/MODEM/SYNC	
IP Rating		IP65	
Operating Temperature		-20 to 55 °C	
Control & Monitoring	Local	Via RJ45	
	Remote	Via Wireless Modem (optional)	

\* Technical spec subject to change without notice.