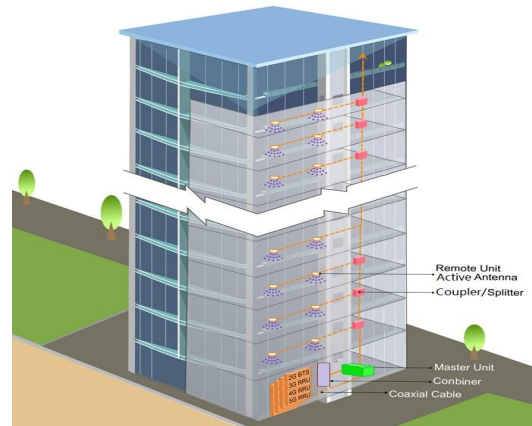


## Application



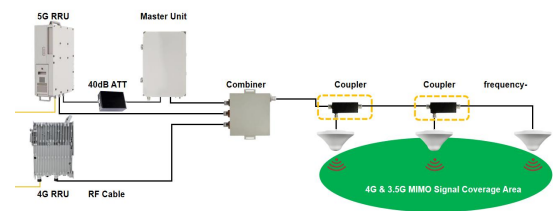
Remote Unit



## 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-RU Frequency Conversion Unit		5G NR1	LO	2G/3G/4G
Frequency Range	Uplink (MHz)	3400 - 3600 MHz	2230 MHz	698 - 960 /1710 - 2700 MHz
	Downlink (MHz)	3400 - 3600 MHz	2230 MHz	698 - 960 /1710 - 2700 MHz
Bandwidth		Max.200 MHz		---
Insertion Loss		10 dB Typical		---
DL Output Power		Max.10 dBm		---
<b>Electrical Specifications</b>				
Model No.				
Frequency Range (MHz)		698 - 960	1710 - 2700	3300 - 3800
Polarization		Line		
Gain (dB)		3.5±0.5	4.5±0.5	5.0±1.0
Beamwidth	Horizontal (°) (Typical)	360		
Isolation (dB)		≥16	≥20	≥25
VSWR		≤2		
Intermodulation (3rd order) (dBc)		≤-140@2 * 43 dBm		
Impedance (Ω)		50		
Power Handling (W)		50		
<b>Mechanical Specification</b>				
Conector Type		N-Female		
Dimensions (mm)		Φ207 * 50		
Paking Size (mm)		213*168*205		
Weight (KG)		0.8		
Operating Temperature (°C)		-40 ~ 60		
Radome Material		ABS		
Mounting		Celling		

\* Technical spec subject to change without notice.