

# Repeater Products

**C O S C O M CO., LTD.**



◆ RF Distribution Repeater

Web : [www.coscom.com](http://www.coscom.com) E-mail : [coscom@coscom.com](mailto:coscom@coscom.com)

#7302 DONGIL-TECHNO TOWN KWANYANG-DONG, DONGAN-GU, ANYANG-CITY, KYUNGKI-DO, KOREA

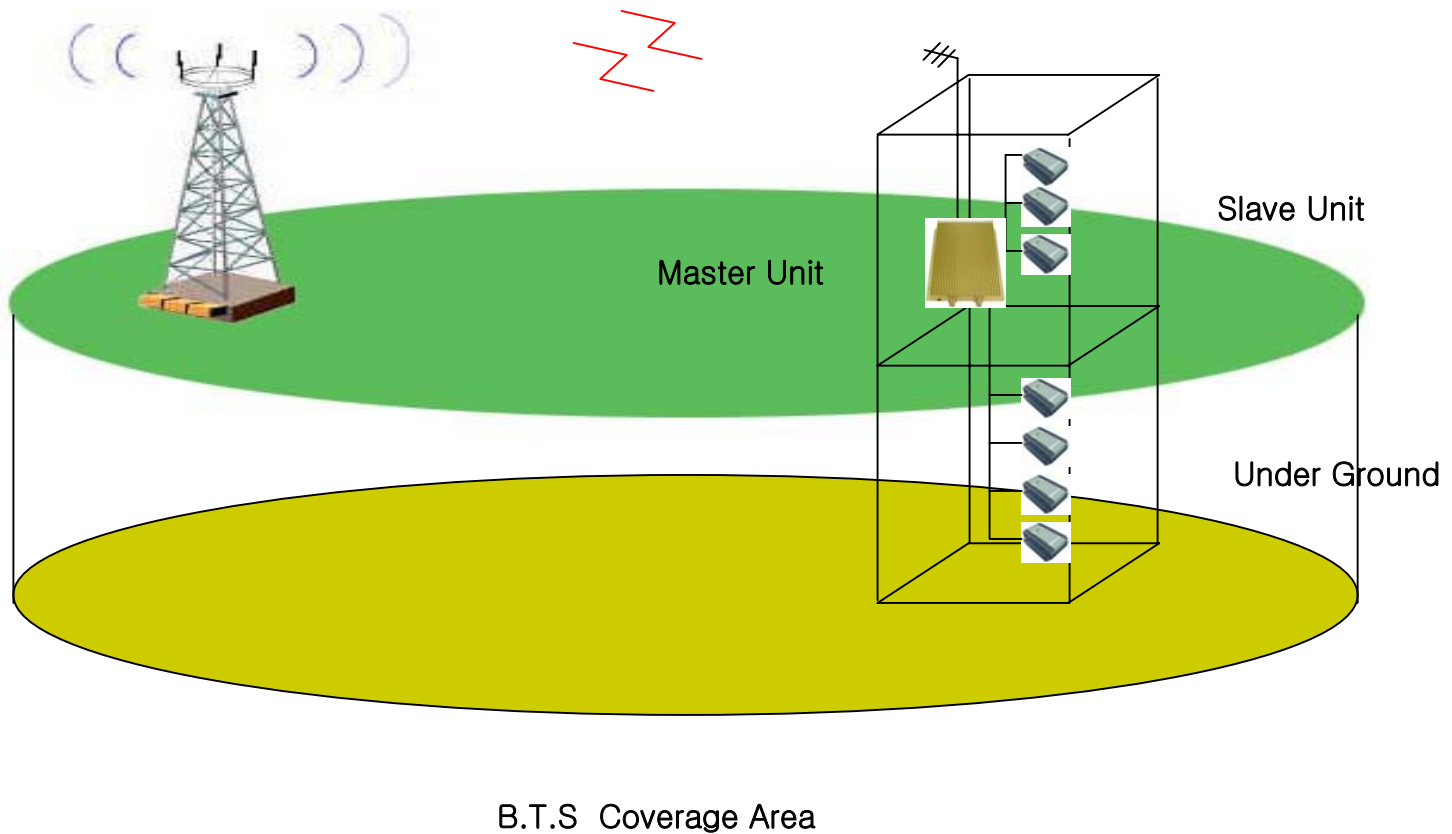
## RF Distribution System



### *<feature>*

- 1 master Unit Compose up to 30 slave unit*
- ALC, AGC Functions*
- Designed to be fixed on the wall*
- Superior Performance*
- Low Power Consumption*

## System Composition



## **Electrical Specification**

Parameters	Standards		Remark
Frequency	All Wireless System Band		CELLUAR, GSM, DCS, PCS, WCDMA
Bandwith	Customize Acceptable		
GAIN	110 dB		
GAIN FLATNESS	±1.5dB		
V.S.W.R.	1.5 : 1		
Input Power Range	-93 ~ -30 dBm		
Max. Output Power	+17dBm( 50mW )		@Total Output Power
IMD	CDMA: < -15 dBm, GSM: < -36 dBm, DCS: < -30 dBm		@Max Output Power
Spurious	CDMA	< -45dBc/30KHz @ fc ± 750KHz < -60dBc/30KHz @ fc ± 1.98MHz	
	GSM	Meet ETSI Standard	
Noise Figure	CDMA : < 5dB GSM : < 6dB		

## **Electrical Specification**

Parameters	Standard	Remark
Impedance	50Ω	
Group Delay	6μs	
Power Supply	AC : 110~220V, 50~60Hz	Operating Voltage @DC Adaptor(2.0A Max)

## **Control Options Specification**

Parameters	Standard	Remark
AGC, ALC RANGE	40dB	
Gain Control Type	Master Unit : Rotate Variable Slave Unit : 30dB Step ATT/1dB Step	
Step Attenuation	TBD	
NMS	Not Used	

### **Physical Specification**

In/Out Connector	N Type Female	
Weight	≤ 15	kg
Dimension (W×H×D)	345 × 380 × 125	mm

### **Environmental Specification**

Operating Temperature	-30 ~ +60	°C
Relative Humidity	95	%
Enclosure Protection	Full Protection Against Dust Insertion	

The enclosure shall have no damage or degradation and the electrical specifications shall be maintained under above conditions.

Customer design and specifications are available.