

SMR - 700

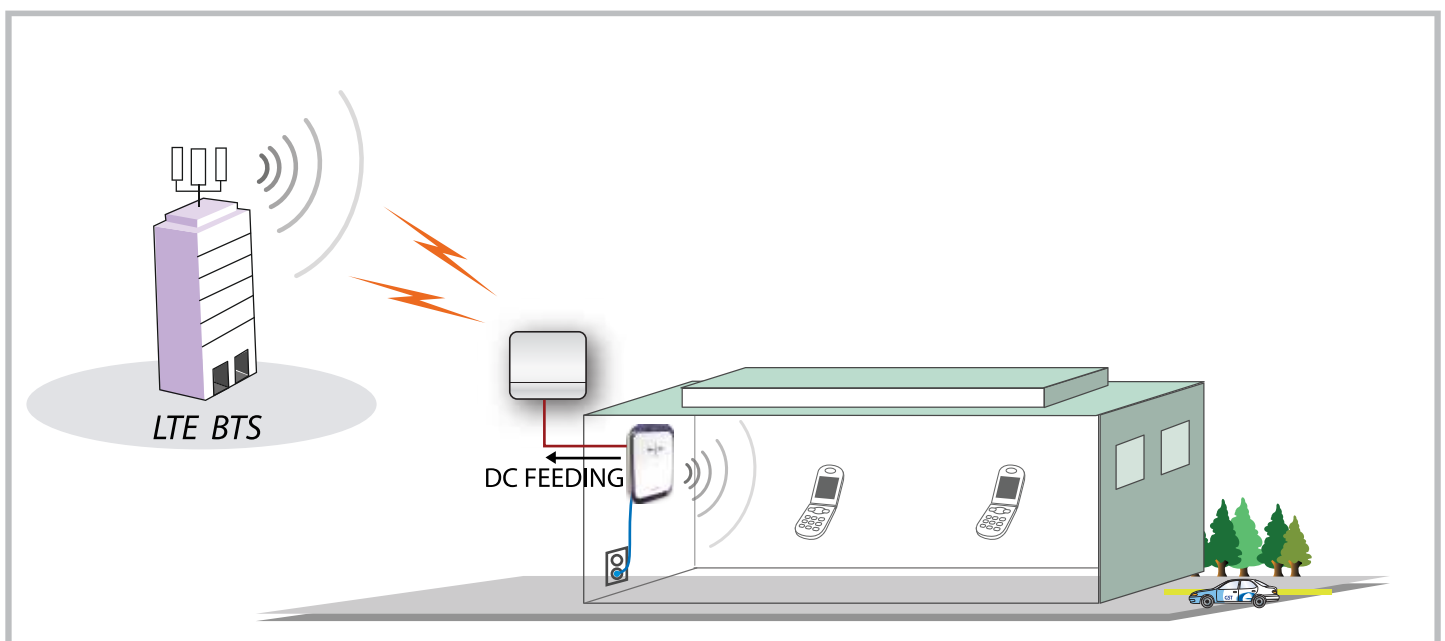
(In Building LTE SOHO Repeater)



Service Unit
(Potential Design)

FEATURES

- > 700MHz Upper C Band Supports
- > Automatic Setup and Operational Gain Control
 - Auto Gain Control, Auto Limit Control, AGS
 - Installation and Maintenance Free Operation
- > Small Lightweight, Mounts Virtually Anywhere
 - Wall Mount Install and Run
- > Low Power Consumption, Powered from Any 100 ~ 125VAC Outlet
- > Applications – Less than 25,000 Square ft Coverage
 - Small Stores and Businesses
 - Manufacturing Facilities
 - Warehouse



SYSTEM SPECIFICATIONS

ITEM	Potencial Specification		Remark
	Down Link	Up Link	
Frequency Range	746 – 756MHz	777 – 787MHz	Upper C Band, BW: 10MHz
Output Power	+10dBm	+13dBm	
System Gain	55 – 75dB	45 – 65dB	DL & UL link
Delay	6us	6us	
EVM	8%	12.5%	
Antenna Gain	Donor Unit	> 8dBi	
	Remote Unit	> 5dBi	
Coaxial Cable (Including DC Transmission)	Impedance	50 Ω	
	Distance	3D	33ft (Max. 66ft)
Surface Temp/Handling/Vibration	Telcordia GR-63CORE		
AC Power	VAC 110V		
Operating Temperature	14°F ~ 122°F		

ITEM	GS-RFC2000-SB
Attenuation (dB/m)	0.5 dB @ 800MHz
Impedance (Ω)	50
Cable type	3D cable
Remark	To connect between Donor Unit and Service Unit Basically 33ft (Optional 66ft)

