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► Dual Band Repeater



1. System Configurations

- DL & UL ALC for power overload protection
- Optimized gain and maximized performance
- Auto gain control function
- Design to increase signal strength
- Exceptional coverage – Low NF
- Extremely high reliability
- Applicable to iDEN CDMA GSM PCS DCS TRS UMTS networks

2. Key Advantages

- Extremely high reliability – Integrated electronics, internal built-in recovery
- Auto gain control function designed to protect the system against oscillation and interference of base station
- Optimized gain and maximized performance for medium sized areas
- Designed to increase signal strength in small and medium sized areas such as offices, shops and basements
- Easy to install - Light weight, compact and auto-setup functionality
- Delivery with complete installation package including power supply and antenna
- True one-box solution
- CE, FCC, RoHS, ISO9000, ISO14001 compliant

3. Options

- Band selection through high quality surface acoustic wave (SAW) filter
- LCD display & manual switch
- Remote M&C via internal wireless modem



4. Specification

	Dual Band Repeater			
	GSM + DCS		CDMA + PCS	
	GSM1800	GSM900	PCS	CDMA800
Frequency	UL1710~1785 DL1805~1880	UL 890~915 DL 935~960	UL1850~1910 DL1930~1990	UL824~849 DL869~894
IP3	≥31.5dBm		≥31.5dBm	N/A
Spurious	N/A		N/A	≥45dB@fo±750KHz ≥60dB@fo±1.98MHz
Gain Flatness	≤13dB	≤8dB	≤13dB	≤8dB
Output Power	+10dBm			
Shutdown Level	≥ +12dBm			
ALC Level	≥ +10dBm			
NF	≤10dB			
Dimensions	121mm x 90mm x 46mm			

<Common Ratings>		
Max. Gain : 50dB ±2dB Impedance : 50Ω Operating Temperature : -30℃ ~ +60℃	AGC Range : ≥ +10dB RF Connector : SMA (Female) Operating Humidity : 5% ~ 85%	VSWR : ≤ 2.0:1 Power Supply : 5V / 2A Weight : ≤800g