



ISO9001 Certified



SAT-Repeater



Features

- Frequency Range
Down Link 1525 ~ 1559MHz
Up Link 1625.5 ~ 1660.5MHz
GPS 1575.42MHz
- Noise Figure max.7dB
- Operating temperature -20°C~60°C
- Low cost, High efficiency
- Various alarm and Interfaces available

Applications

- Satellite mobile phone repeater

Specifications

Parameters		Specifications
Frequency Range	Down Link	1525 ~ 1559MHz
	Up Link	1626.5 ~ 1660.5MHz
	GPS	1575.42MHz (UP Link Rejection Typical 54dBc)
Gain	Down Link / Up Link	80±1dB
	GPS	45±1.5dB
Gain Flatness	Down Link / Up Link	3dB peak to peak(MAX)
Input Power	Down Link	-125dBm
	Up Link	-45~0dBm
	GPS	-115dBm
Output Power	Down Link	-50dBm
	Up Link	29dBm
	GPS	-80dBm
OIP3	Up Link	38dBm(2TONE,25dBm/TONE)
Attenuations	Down Link	System/ ATT. 30dB(1dB STEP) 1 : ±0.7dB(1dB~10dB range) 2 : ±1.5dB(11dB~30dB range)
ALC Range	Up Link	45dB (Input power +2dBm 이상일 경우 Auto shut down)
Noise Figure	Down Link / Up Link	7dB (MAX)
Propagation Delay	Down Link / Up Link	1µs (MAX)
VSWR		1.5:1 (MAX)
Temp Gain Variation	Down Link / Up Link	4dB peak to peak (MAX)
Power Supply		110 ~ 220 V AC / (20W)
Operating Temp. Range		-20 ~ +60°C
Dimension		213 * 180 * 39