

**Technical Features:**

- 1) High system gains.
- 2) Full duplex and double-end design, external power supply, and convenient installation.
- 3) ALC technology with auto-steady function adopted.
- 4) Provide power indication and uplink and downlink indications.
- 5) With the amplified linear power, the intermodulation and spuriousness are suppressed effectively.
- 6) The reliability conforms to GB6993-86 standards.
- 7) The electromagnetic compatibility conforms to ETS300 609-4 standards.



**GSM1900Mhz Full Band Pico-Repeater Specification**

Model Number		TE-1930B	TE-1933B	TE-1935B
Frequency range		Uplink 1850-1910MHz Downlink 1930-1990MHz		
Gain (dB)	Uplink	Gp≥70	Gp≥75	Gp≥80
	Downlink	Gp≥75	Gp≥80	Gp≥85
Gain adjustable		MGC≥30dB		
Output power		≥30dBm	≥33dBm	≥35dBm
Pass band ripple		≤4dB		
Guard band rejection		( BW-60dB ) ≤42MHz , ( BW-70dB ) ≤45MHz		
I/O impedance		50Ω/N Connector		
I/O return loss		≤-10dB		
Noise figure		≤-8dB		
Intermodulation attenuation (Po=13dBm)		≤-40dBc		
Transmission		≤0.5μs		
Ambient		-10℃ ~ 50℃		
Power supply		AC110~240V±10% 45~55Hz		
Size		148mm×106mm×33mm		
Reliability		To the GB6993-86 standard		
Electromagnetic		To the ETS300 694-4 standard		
Function		a) Power supply LED denote b) Export power LED denote		