

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.



CDMA800MHz(GSM850MHz) FullBand Pico-Repeater Specification

Model Number	TE-830B		TE-833B	TE-835B
Frequency range	Uplink		824-849MHz	
	Downlink		869-894MHz	
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	AC110~220V±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			