

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.



GSM1800Mhz FullBand Mobile Signal Booster

Specification		TE9102A-D	TE-9102C-D
Frequency range		Uplink DCS1710-1785(MHz)	
		Downlink DCS1805-1880(MHz)	
Gain (dB)			
	DCS Uplink	$G_p \geq 65$	$G_p \geq 60$
	DCS Downlink	$G_p \geq 70$	$G_p \geq 65$
Gain adjustable range		MGC $\geq$ 30dB	
Output power(dBm)		≥ 23	≥ 20
Pass band ripple		\	
		DCS $\leq$ 8dB	
Guard band rejection			
		DCS (BW-60dB) $\leq$ 104MHz (BW-70dB) $\leq$ 107 MHz	
I/O impedance		50Ω/N Connector	
I/O return loss		$\leq$ -8dB	
Noise figure		$\leq$ -8dB	
Intermodulation attenuation (Po=13dBm)		$\leq$ -40dBc	
Transmission Delay		$\leq$ 0.5μs	
Ambient temperature		-10℃~50℃	
Power supply		AC110~220V $\pm$ 10% 45~55Hz	
Size		228mm×106mm×33mm	
Reliability		To the GB6993-86 standard	
Electromagnetic compatibility		To the ETS300 694-4 standard	
Function		a) Power supply LED denote b) Export power LED denote	