

Technical Features:

- *Receiving and sending separation,low require for Ant isolation,making it convenient for installation.
- *Mini design with metal cavity filter technology inside.
- *Full-duplex&dual-port design,and built-in power supply,making it convenient for installation.
- *Allowing for continuous gain adjustment 31dB by 1dB step.
- *ALC technology used to provide auto amplitude fixing.
- *Modules structures,making it convenient for installation,debugging and maintenance.



GSM Fullband Repeater

Type	TE-9101A	TE-9101B	TE-9101C	TE-9101D	TE-9101F	
Frequency range	Uplink	890-915MHz or Customer appoint				
	Downlink	935-960MHz or Customer appoint				
Output power (Po)	Uplink	≥40dBm	≥37dBm	≥33dBm	≥40dBm	≥23dBm
	Downlink	≥43dBm	≥40dBm	≥37dBm	≥33dBm	≥27dBm
Gain	Uplink	85dB	85dB	80dB	80dB	70dB
	Downlink	90dB	90dB	85dB	85dB	75dB
Gain adjustable range	MGC≥30					
Gain adjustable step	1 dB					
Gain control precision	±1.5 dB					
VSWR	1.4:1					
Noise figure	≤5dB					
Transmission Delay	≤1.5μS					
I/O impedance	50Ω/N connector					
Spurious emission	≤-36dBm (9KHz—1GHz)					
	≤-30dBm (1GHz—12.5GHz)					
attenuation	≥40dBc					
Guard band rejection	BW-60≤42MHz					
	BW-70≤45MH					
Ambient temperature	-15℃-55℃					
Ambient humidity	≤95% (no dew)					
Power supply	AC230V±10% 45-55Hz					
Reliability	To the GB6993-86 standard					
Electromagnetic compatibility	To the ETS300 694-4 standard					
Panel display	LED	Power, uplink, downlink emission, and alarm indicators				
Size		52.5×4×19cm	62×47×29cm	62×47×29cm	71×48.5×33.5cm	71×48.5×33.5cm
Weight		36Kg	31.25Kg	31.75Kg	33.7Kg	33.7Kg

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