

LTE Combiner Amplifier

6 band

- Model number: LTE-Combiner8
- Frequency MHz: 700/ 800/ 900/ 1800/ 2100/ 2600

The amplifier includes:

- AGC on uplink and downlink.
- Amplifier automatically shuts down when no up-link signal present. This reduces heat generation.



Frequency Specifications:

Frequency bands(Mhz):	(703-788) + (791 - 862) + (880-960) + (1710-1880) + (1920-2170) + (2500-2690)	
Gain:	Uplink Gp > 12dB	Downlink Gp > 14dB
Pass band ripple:	< 2dB	
I/O impedance:	50 ohm/N connector	
Max uplink/downlink signal strength:	27dBm / -25dBm	
Ambient Temperature:	-30°C to +40°C	
Power supply input:	110 - 240V AC	
Power supply output:	9-30VDC / 7A	
Max power consumption	80W	
Oscillation Control	Automatic	
Level Control:	Automatic*	
Uplink Switch Off	Yes**	
AGC Range	30db	
Surge protection	SMA connectors DC grounded.	
No. of Ports	Basestation facing Port: 2 x SMA Radio card facing Port: 8 x SMA	

Power Supply Specification:

AC	100-240V	50-60Hz
DC input	9-30V	5A, single radio card, 7A multiple radio cards.
Max power usage	72-84W max.	

Mechanical Specification:

Length	35cm
Width	30cm
Depth	3.5cm
Weight	2kg
Mounting	6 x 5mm holes for mounting
Radome Materials: HDG Steel	

* Automatically adjusts during installation. Thereafter, automatically adjusts for seasonal variation in pathloss between Base station and Outdoor Antenna.

** The uplink amplifiers switch off when the repeater is not in use, thus reducing the uplink noise to almost zero. When the repeater is in use (eg phone call being made), the uplink amplifier switches on for the duration of the call and a blue LED switches on indicating this is the case.

Note: Specifications subject to change without notice.

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