



► Unit A, 11F, Wing Hong Centre, 18 Wing Hong St., Kowloon, Hongkong



► 238, Alameda Dr. Carlos d'Assumpcao, Ed. Praca Kin Heng Long, 20G, Macau

Data sheet



BTS Enhancement Solutions TMA & TMB Tower Mounted Booster WCDMA

TMB	Specifications	
	Uplink	Downlink
Electrical		
Frequency Range	2100MHz	1940-1955 MHz 2130-2145 MHz
Gain	10±2dB	12±2dB
Output Power	≥0dBm	46±1dBm
Ripple	≤2dB/3.84MHz	
VSWR	≤1.5	
Noise Figure	≤2.5dB	— — —
Bypass Mode Insertion Loss	≤2.5dB	
Spurious Emission	≤-36dBm @9KHz-1GHz	
	≤-30dBm @1G-12.75GHz	
Manual Gain Control	7±1 dB（Default Att 7dB）	
Power supply	AC220V±20%， 45～55Hz	
Mechanical		
Size L x W x H (mm)	590*440*240	
Net Weight (kg)	17	
Impedance	50Ω/N-KFD	
Environmental		
Working temp.	-25℃～+55℃	
Storage temp.	-45℃～+85℃	
Humidity	≤95%	
Protection	IP65	

The Tower Mounted Booster is an optimal solution for the following application:

- For compensation of large feeder loss
- For coverage of low-density populated areas
- For highway coverage where the traffic does not justify a large number of sites
- For boosting cell coverage
- For boosting up low power signals from micro BTS.

