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Data sheet



BTS Enhancement Solutions TMA & TMB Tower Mounted Booster GSM & DCS

TMB		Specifications	
		Uplink	Downlink
Electrical			
Frequency Range (select)	900MHz	890～915MHz	935～960MHz
		885～909MHz	930～954MHz
		909～915MHz	954～960MHz
	1800MHz	1710～1725MHz	1805～1820MHz
		1745～1755MHz	1840～1850MHz
Gain		12±1dB	12±1dB
Output Power		≥10dBm	43/46/49/53±1dBm （select）
Ripple		≤2.5dB （P-P）	≤2.5dB （P-P）
VSWR		≤1.5	≤1.5
Noise Figure		≤3dB	— — —
Bypass Mode Insertion Loss		≤2.0dB	≤2.0dB
Spurious Emission		≤-36dBm @9KHz-1GHz ≤-30dBm @1G-12.75GHz ≤-47dBm @ 825-835MHz ≤-47dBm @870-880MHz ≤-47dBm @1800-1920MHz ≤-47dBm @3.4G-3.52G ≤-98dBm @885-915MHz	
Manual Gain Control		7±1 dB （Default Att 7dB）	
Power supply (select)		DC -48V/DC 24V/AC 200V	
Mechanical			
Size L x W x H (mm)		590*440*240	
Max Weight (kg)		31	
Impedance		50Ω/N-KF	
Environmental			
Working temp.		-25℃～+55℃	
Storage temp.		-45℃～+85℃	
Humidity		≤95%	
Protection		IP65	
Alarm			
Local / Remote		Local: DB-9 RS232 serial Remote: Wireless modem （SMS）	

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.

