



**MCGILL MICROWAVE**  
SYSTEMS

[www.mcgillmicrowave.com](http://www.mcgillmicrowave.com)

## 10dBi Tuned Directional Antenna 868MHz RFID

McGill Microwave Systems has launched its newest addition to our market leading Ultra High Performance Optimised and Tuned 868MHz Antenna series.

This unique Antenna is both directional and has the additional significant advantage that it can be tilted or moved in the Azimuth direction - unlike all other Omni Directional Antennas.

Omni directional Antennas radiate 360 degrees - this unique flat panel Antenna design is radically different in that it takes all of the Radiated energy which usually would be transmitted behind and to the side of the Antenna and focuses all of this RF energy into the forward direction only - in one very wide and high beam - typically 68 degrees in Azimuth and Elevation.

This antenna is tuned over the 865-870MHz frequency band and therefore results in extremely low VSWR.



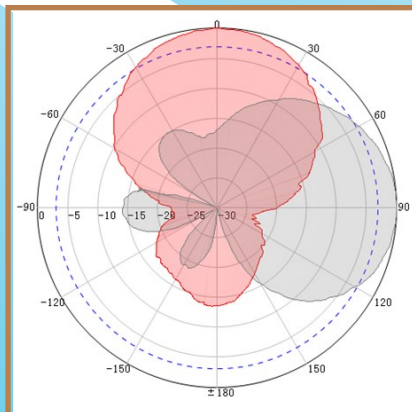
Contact us for more details, Email: [contact@mcgillmicrowave.com](mailto:contact@mcgillmicrowave.com)

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## 10dBi Tuned Directional Antenna 900MHz RFID

ELECTRICAL SPECIFICATIONS	
Part Number	MM-ANT-FP-868-10DBI
Frequency Range (MHz)	865-870
Gain (dBi)	10dBi
HPBW <sub>H</sub> (Deg)	68±5°
HPBW <sub>V</sub> (Deg.)	68±5°
Tilt (Deg.)	0
Polarization	V
VSWR	≤1.3
Impedance(Ω)	50
Connection Type	N-Female connector
Max Input Power (W)	50
Lightning Protection	Dc Ground
MECHANICAL SPECIFICATIONS	
Dimensions (mm)	Φ305*305*30
Color	White
Radome Material	ABS
Weight (Kg)	1.2
Temperature Range (°c)	-40~+55°c
Rated Wind Speed (km/h)	126
Mounting Type	/



### Contact us for more details

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