



## Airtech I & C Co.,Ltd.

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### [ANTENNA SPECIFICATION]

Description: FM HANDHELD TRANSCEIVER

FCC ID: ONKATS-400B

1. Part No. : HW – 455W - MSMA

2. Application : This specification is prescribed to a WHIP ANTENNA to apply LMR SET(ATS-400B MODEL).

3. ANTENNA USE CONDITION

Mobile      Base Station      Portable      Outdoor      Indoor      Others  
(            )

4. ANTENNA SHAPE

As Following Drawing.

5. ELECTRICAL SPECIFICATION & PERFORMANCE

No.	ELECTRICAL DATA	SPECIFICATIONS	REMARK
5. 1	FREQUENCY RANGE	440 - 470 MHz	
5. 2	RESONANCE FREQUENCY	455 MHz (GP : 250*250)	
5. 3	IMPEDANCE	50      NOMINAL	
5. 4	GAIN	UNITY	
5. 5	ELECTRICAL LENGTH	1/4	
5. 6	RADIATION PATTERN	OMNI - DIRECTIONAL	
5. 7	POLARIZATION	VERTICAL	

6. MECHANICAL SPECIFICATION

No.	MECHANICAL	SPECIFICATIONS	REMARK
6. 1	ELEMENT	3.2 SPEEDO WIRE	
6. 2	SLEEVE	POLYURETHANE	BLACK-COLOR
6. 3	CONNECTOR	SMA (FEMALE)	Ni-PLATING
6. 4	ANTENNA TOTAL LENGTH	148 ± 3.0 mm	
6. 5	COLOR PAINT	GREEN, GREEN	SILK INK