



Airtech I & C Co.,Ltd.

421-809, #101-807, Techno ParkComplex, 364, Samjung-dong,
Ojung-Gu,Bucheon-si,Kyeonggi-do,Korea

Tel : +82-32-234-2345 / Fax :+82-32-234-2350

Home : www. Airtech21.com /e-mail : sales@airtech21.com

[ANTENNA SPECIFICATION]

Description : VHF FM TRANSCEIVER

FCC ID:ONKATP-100

1. Model: HW - 156 - MS

2. Application: THIS SPECIFICATION APPLY FOR HELICAL ANTENNA OF TW-156 MODEL.

3. ANTENNA USING CONDITION

Portable Base station Mobile Out-ide Inside etc ()

4. ANTENNA DIAGRAM

FIND ATTACHED.

5. ELECTRICAL SPECIFICATION

It Should be satisfied all the specification shown as below in the field or its corresponded condition.

No.	ELECTRICAL DATA	SPECIFICATIONS	REMARK
5. 1	FREQUENCY RANGE	156 Mhz	
5. 2	RESONANCE FREQUENCY	156MHz (SET)	
5. 3	IMPEDANCE	50 NOMINAL	
5. 4	V . S . W . R	LESS THAN 1: 1.9	
5. 5	GAIN	UNITY	
5. 6	ELECTRICAL LENGTH	1/4	
5. 7	RADIATION PATTERN	OMNI - DIRECTIONAL	
5. 8	POLARIZATION	VERTICAL	

6. MECHANICAL SPECIFICATION

No.	MECHANICAL	SPECIFICATIONS	REMARK	
6. 1	ELEMENT	1.0 PWG, Cu-PLATING		
6. 2	SLEEVE	POLYURETHANE	BLACK-COLOR	
6. 3	CONNECTOR	STUD(1/4*36)	Ni-PLATING	
6. 4	ANTENNA TOTAL LENGTH	111 ± 3.0 mm		
6. 5	COLOR PAINT	1	GREEN-COLOR	SILK INK
		2	GREEN-COLOR	