

Antennas information

Note: DHU-NA-006 has two antennas ANT 1 & ANT 2, ANT 1 is for Bluetooth, ANT 2 is for 2.4GHz/5.8GHz Wi-Fi.

ANT 1 names WA-M-LB-02-269-B

ANT 2 names WA-M-LB-02-271-B

ECARX (Hubei) Tech Co., Ltd
B1336, Taizi Lake Industry Park, No 18 ShenLong AVE, WH, China

WA-M-LB-02-269-B Specification

1. Explanation of part number :

WA M LB 02 269 B
 (1) (2) (3) (4) (5) (6)

- (1) Product Type: Wireless Antenna
- (2) Material: Metal + Holder + Cable + Rubber
- (3) Frequency: 2400-2500MHZ ;
- (4) Coaxial Cable Type: 02
- (5) Suffix: 269
- (6) Vehicle use: Before loading

2. Operating Condition:

Temperature -40 to +85°C

Humidity 20 to 85% RH

3. Storage Condition:

Temperature -40 to +85°C

Humidity 20 to 85% RH

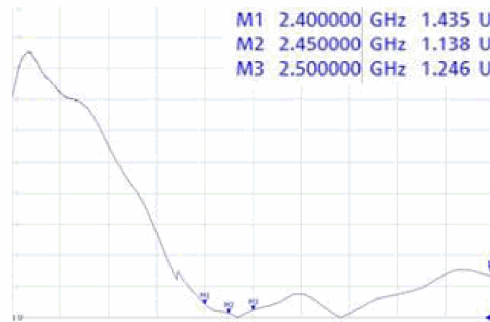
Recommended storage condition (storage period of one year) :

Store in room condition as listed below: Temperature -20°C~+45°C, Humidity 80% Max

UNLESS OTHER SPECIFIED TOLERANCES ON :		 佳邦科技股份有限公司 INPAQ TECHNOLOGY CO., LTD.		
X = ± X.X = ±0.15 X.XX = ±0.15				
ANGLES = ± HOLEDIA = ±		THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION		
SCALE : /	UNIT : mm			
DRAWN BY : 李志强	CHECKED BY : 李志强			
DESIGNED BY : 王俐	APPROVED BY : 唐龙			
TITLE : WA-M-LB-02-269-B Specification		DOCUMENT NO.	ENS000163110	PAGE REV.
				A0

6. Electrical Characteristics (In customer machine):

6.1 VSWR

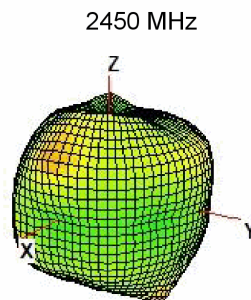


Frequency (Unit MHz)	2400	2450	2500
VSWR (SPEC)	≤ 2.5		
VSWR	1.44	1.14	1.25

6.2 Antenna Passive Test Result

Frequency(MHz)	Peak Gain(dBi)	Efficiency (%)
2400	1.56	42.97
2450	2.25	49.11
2500	3.82	46.27

6.3 3D Gain Pattern



7.实物图:

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WA-M-LB-02-271-B Specification

1. Explanation of part number :

WA - M - LB - 02 - 271 - B
 (1) (2) (3) (4) (5) (6)

- (1) Product Type: Wireless Antenna
- (2) Material: Metal + Holder + Cable + Rubber
- (3) Frequency: 2400-2500MHz · 5150~5850 MHz
- (4) Coaxial Cable Type: 02
- (5) Suffix: 271
- (6) Vehicle use: Before loading

2. Operating Condition:

Temperature -40 to +85°C

Humidity 20 to 85% RH

3. Storage Condition:

Temperature -40 to +85°C

Humidity 20 to 85% RH

Recommended storage condition (storage period of one year) :

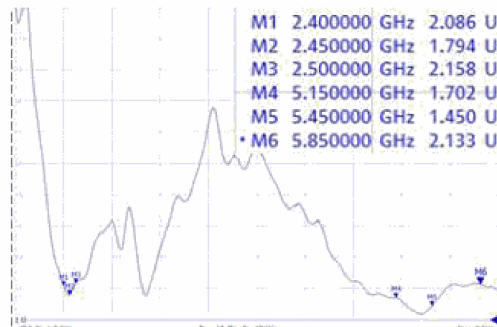
Store in room condition as listed below: Temperature -20°C~+45°C, Humidity 80% Max

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				A0

6. Electrical Characteristics (In customer machine) :

6.1 VSWR

Frequency (Unit MHz)	2400	2450	2500	5150	5450	5850
VSWR (SPEC)	≤ 2.5			≤ 2.5		
VSWR	2.09	1.79	2.16	1.70	1.45	2.13



6.2 Antenna Passive Test Result

Frequency(MHz)	Peak Gain(dBi)	Efficiency (%)
2400	2.36	45.45
2450	2.64	57.09
2500	2.34	52.07
5150	4.74	56.22
5450	3.62	64.70
5850	4.27	64.93

6.3 3D Gain Pattern



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