

DAM-P1-D-N0-000-08-02

1. Explanation of Part Number

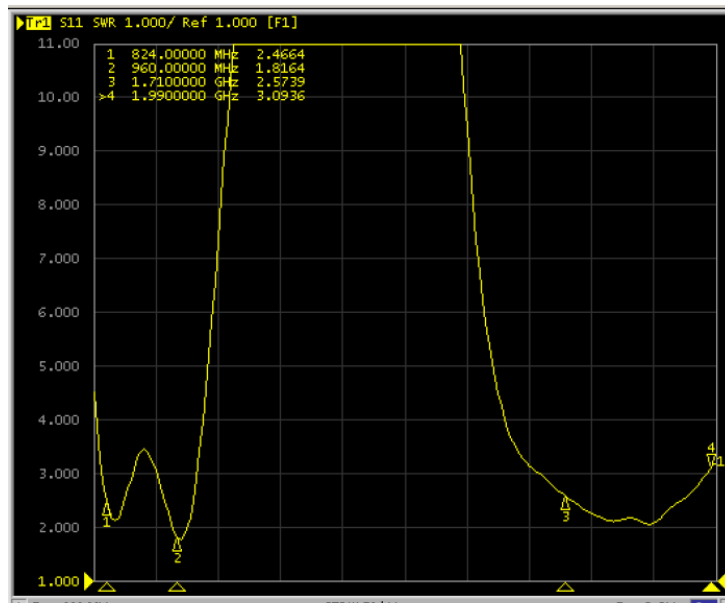
DAM - P1 - D - N0 - 000 - 08 - 02
 (1) (2) (3) (4) (5) (6) (7)

- (1) Product type : DAM-Dipole Antenna Module
 - (2) Appearance Series : P1
 - (3) Frequency : D=824MHZ~960MHz,1710MHz~1990MHz
 - (4) Coaxial Cable Specification : NO Cable
 - (5) Coaxial Cable Length : 000=no Length
 - (6) Connector Types :08= SMA connector
 - (7) Suffix for special requirements : 02=no cable
- ※ RoHS Compliant

2. Electrical properties:

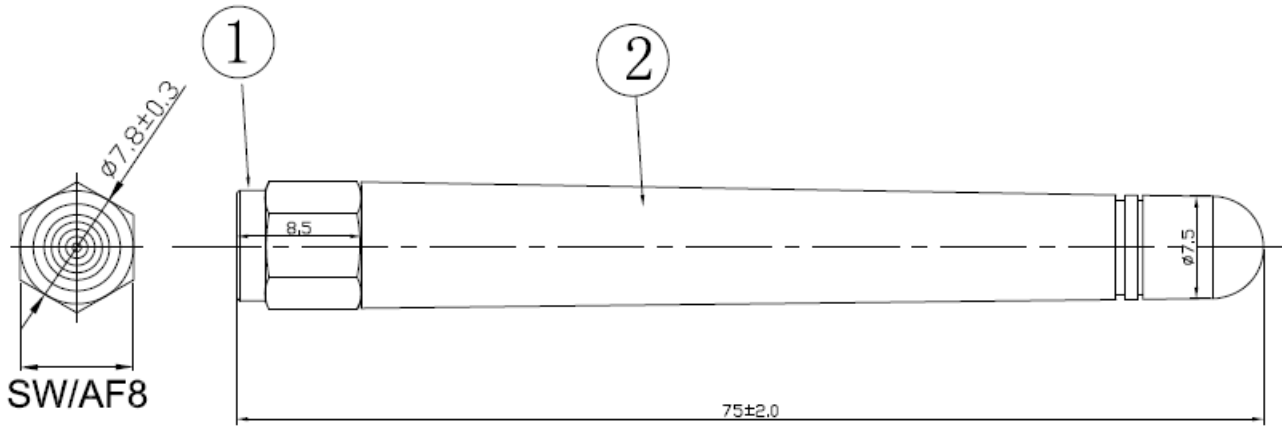
Item	Property
Frequency Range	824MHZ~960MHz,1710MHz~1990MHz
Impedance	50 Ω (Typ.)
VSWR	4 max.
Peak Gain	1.0 dBi (Typ.)

3. Test Data



Frequency	824	960	1710	1990
VSWR	2.46	1.81	2.57	3.09

4. Mechanical properties:



NO.	Description	Material	finish
1	SMA180°	CU	Gold
2	Main part	TPE	Black

5. Environmental Characteristics:

No	Item	Test Condition	Specification
4-1	High Temperature/Humidity	1. Temperature : $+60\pm 2^{\circ}\text{C}$. 2. Humidity : 90~95%RH 3. Time : 24hrs	1. Normal functional test must be satisfied after the test. 2. No material deformation is allowed.
4-2	Low Temperature/Humidity	1. Temperature : $-20\pm 2^{\circ}\text{C}$. 2. Humidity : 0%RH 3. Time : 24hrs	
4-3	High Temperature/Humidity Storage	1. Temperature : $+80\pm 2^{\circ}\text{C}$. 2. Humidity : 90~95%RH 3. Time : 88hrs	
4-4	Low Temperature/Humidity Storage	1. Temperature : $-40\pm 2^{\circ}\text{C}$. 2. Humidity : 0%RH 3. Time : 28hr	
4-5	Temperature Cycle Operating Test	1. Temperature : $-40\sim +75^{\circ}\text{C}$ 2. Duration : <ul style="list-style-type: none"> ● 88 Hours, ● 45min/dwelling@ -40°C, ● 10°C per min./transition from -40°C to 75°C, ● 45min/dwelling@ 75°C, 	
4-6	Temperature Shock Test	1. Temperature : $-40\pm^{\circ}\text{C}\sim +85^{\circ}\text{C}$. 2. Time : 30 minutes/dwelling, 5 minutes/ transition, 24 cycles	