

2.4GHz - 2.5 GHz 120Deg 12dBi Sector Directional Antenna

APPLICATIONS AND FEATURES**Applications:**

- 2.4-2.5 GHz ISM Band
- IEEE 802.11b, 802.11g, 802.11n Wireless LAN
- Directional and multipoint applications
- Bluetooth
- Public Wireless Hotspot
- WiFi, RFID
- Wireless Video Systems

Features :

- Superior performance
- Light weight
- All weather operation
- DC Short lightning protection
- Installed for vertical
- Includes tilt and swivel mast mount
- Frequency Ultra-wide

SPECIFICATIONS:**Electrical Specifications**

Frequency Range	2400 – 2500 MHz
V.S.W.R	≤ 1.5
Return Loss	$\geq -12\text{db}$
Gain	12dBi
Polarization	Vertical
Maximum Power	50W
Vertical Beam-width	6°
Horizontal Beam-width	120°
Impedance	50 Ω
Connector	N-Female

Mechanical Specifications

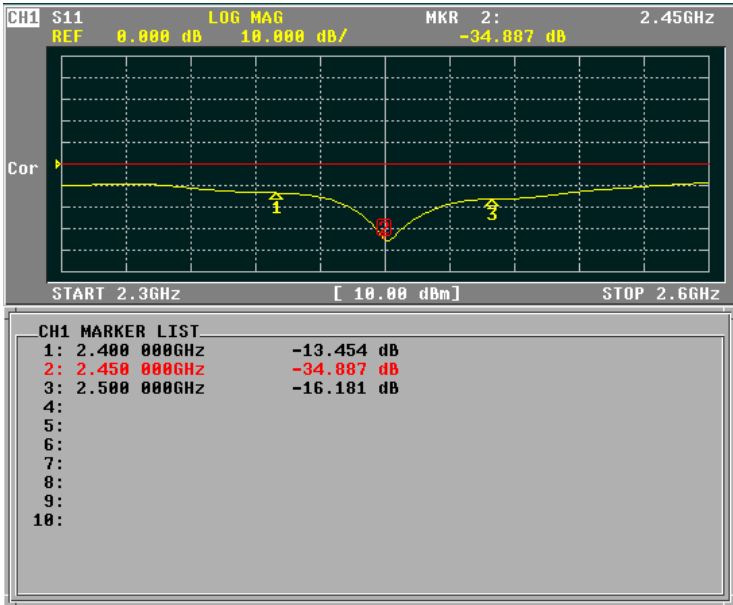
Length	620mm
Diameter	20mm
Weight	1870g
Wind Survival	> 150 MPH
Radome Material	Polymer & Metal
Operating Temperature	-40°C to +80°C
Clamps / Mounting	U-bolt / 32 – 45mm
Down-tilt	0-20 degrees
RoHS Compliant	Yes



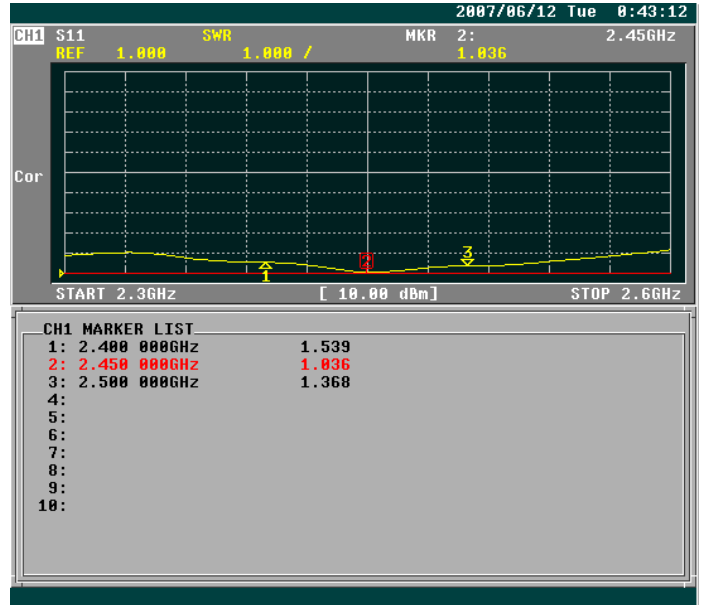
SE-242512-120 Test Report

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Return loss & V.S.W.R



Return loss



V.S.W.R

Spare Parts

Item	Product name	Amount
1	Antenna	1
2	Clip a slice fixedly	2
3	M6 U type screw	2
4	M6 screw	4
5	M6 Nut	8
6	M6 Slippery mat slice	8
7	"L" Aluminum Type support	1

