

ASA-2420

2.4~2.5GHz Adjust 15~20dBi SECTOR-Directional Antenna

ASA-2420 antennas are professionally engineered and manufactured with the highest industry quality at the lowest possible price providing extreme value.

ASA-2420 is designed for the 2.4GHz ISM band, supporting 2.4 to 2.5 GHz and provides superb performance in IEEE 802.11b/g WiFi and Bluetooth applications.

ASA-2420 includes mounting bracket and hardware for up to 2" OD masts. Made with fiberglass

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



| | |
|-----------------------|-------------------------------|
| Model | ASA-2420 |
| Frequency | 2.4-2.5GHz |
| VSWR | ≤ 1.5 |
| Gain | 15-20dBi |
| Polarization | Vertical |
| Power Handling | 50 Watts |
| Impedance | 50 Ω |
| Beam Width | H: 45-120° / V: 8-12° |
| Connector | N Female |
| Operation Temp | -40°C ~ +80°C |
| Dimension | 760*270 mm |
| Mounting | 32 ~ 45 mm (1.2 ~1.75 inch) |
| Weight | 3430g |

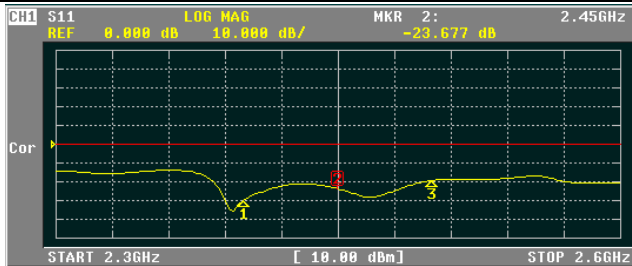
For further details:

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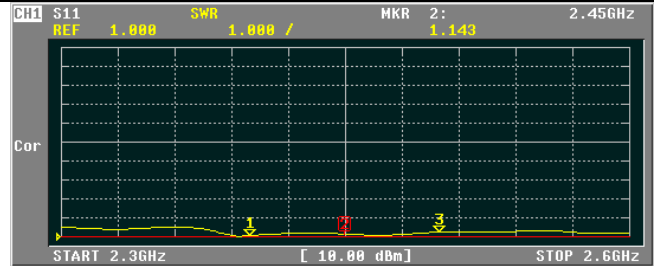
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Network Analyzer Test Report



| CH1 MARKER LIST | |
|-----------------|------------|
| 1: 2.400 000GHz | -29.566 dB |
| 2: 2.450 000GHz | -23.684 dB |
| 3: 2.500 000GHz | -19.219 dB |
| 4: | |
| 5: | |
| 6: | |
| 7: | |
| 8: | |
| 9: | |
| 10: | |

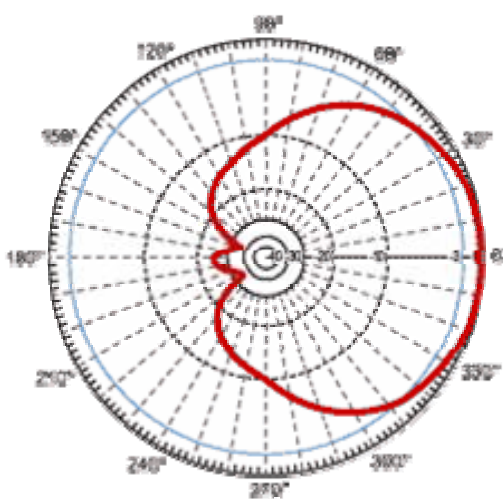
Return loss



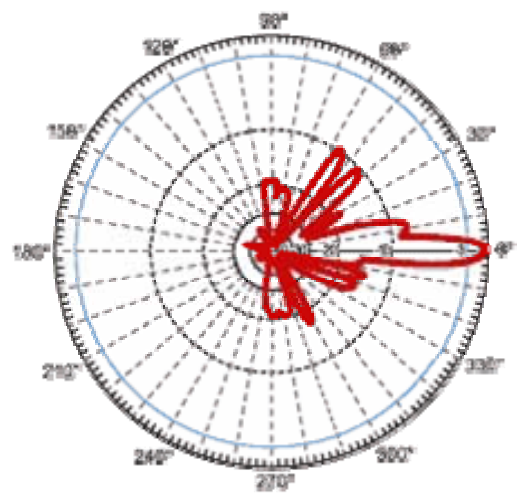
| CH1 MARKER LIST | |
|-----------------|-------|
| 1: 2.400 000GHz | 1.068 |
| 2: 2.450 000GHz | 1.142 |
| 3: 2.500 000GHz | 1.242 |
| 4: | |
| 5: | |
| 6: | |
| 7: | |
| 8: | |
| 9: | |
| 10: | |

V.S.W.R

Pattern Test Report Frequency: 2.4 ~ 2.5GHz



H-plane co-pol ----- 3-dB beam-with=90°
Horizontal



E-plane co-pol ----- 3-dB beam-with=10°
Vertical

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Mounting Kits Install Guide

