

8.3. 2.4 GHz Directional External Antenna



ANT-15YG-1

5 km, 2.4 GHz External Antenna

Features

- 802.11b/g
- 15 dBi
- N Type Female (Jack)
- N Type Male (Plug) to RP SMA Male (Plug) Cable
- Yagi Antenna



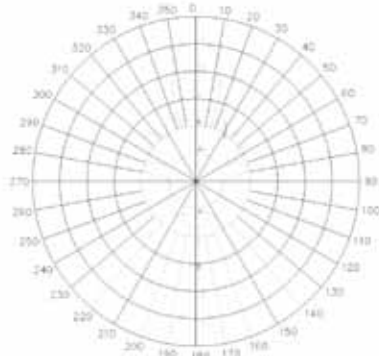
Introduction

ANT-15YG is a 15 dBi Antenna

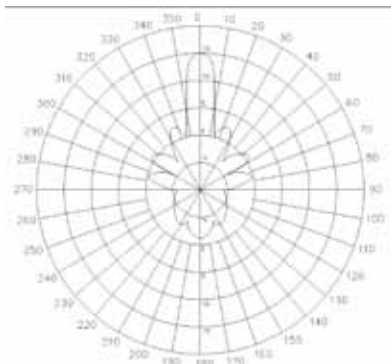
Applications

For ZigBee and SST-2450 Products

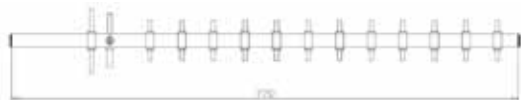
H-PLANE FIELD PATTERNS



E-PLANE FIELD PATTERNS



Dimensions (Units: mm)



Specifications

Antenna Type	
Operating Environment	Outdoor
Radiation	Directional Sector
Electrical Specifications	
Frequency Range	2400 ~ 2500 MHz
Gain	15 dBi
VSWR	1:1.5 (Max.)
Polarization	Linear
HPBW/Horizontal	25°
HPBW/Vertical	15°
Power Handling	15 W (Max.)
Impedance	50 Ω
Cable	RG-58, 100 cm
Connector	N Type Female
Environmental and Mechanical Characteristics	
Operating Temperature	-40 ~ +80°C
Radome Material	Aluminum
Weight	570 g
Dimensions (L x W)	770 mm x 50 mm x 45 mm

Ordering Information

ANT-15YG-1	5 km, 2.4 GHz External Antenna (Directional) Gain: 15 dBi
Important Note: Distance data is for reference only. Actual results may be different depending on the environment.	

Accessories

3S005	HDF 200 cable, 3 meter long N type male to RP-SMA male
3S001-1	RG58A/U 1 Meter Long SMA male to RP-SMA male