



Engineering Data Sheet

Part #: AIR-ANT1728 (Ceiling Mount)

Part #: AIR-ANT3213 (Mast Mount)

5 dBi, Diversity Omni-directional

Specifications:

Frequency Range2.5 GHz

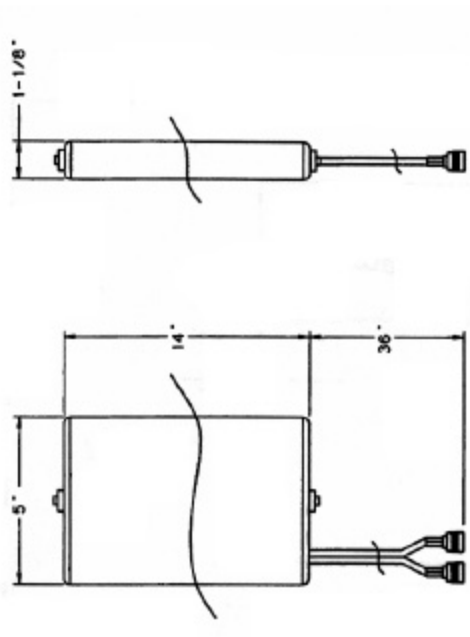
VSWR <2:1

Nominal Impedance50 ohms

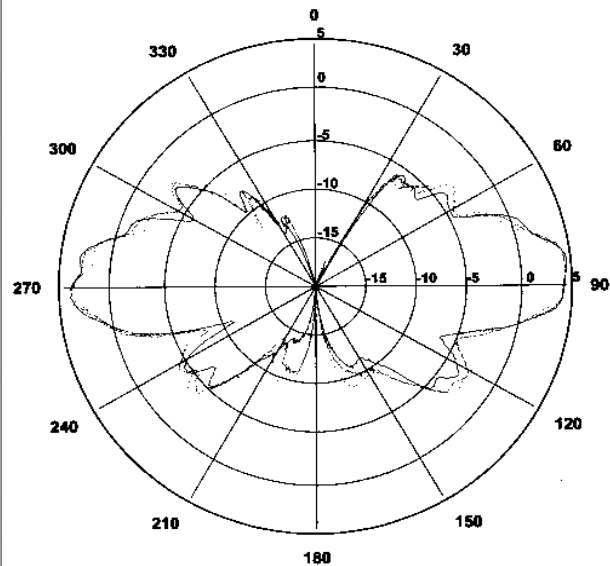
Gain5 dBi Nominal

Coax.....6" Dual 50 Ohm Low LossRG58

Coax TerminationTNC Reverse Polarity Plug



Elevation Pattern



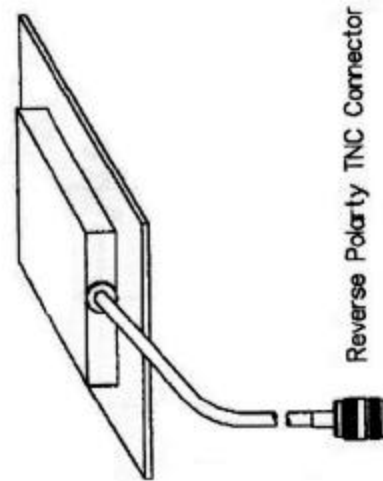


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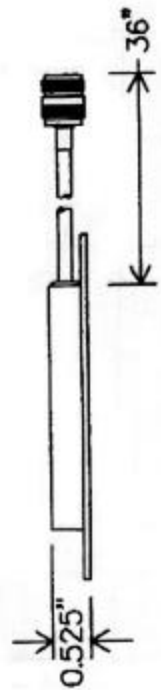
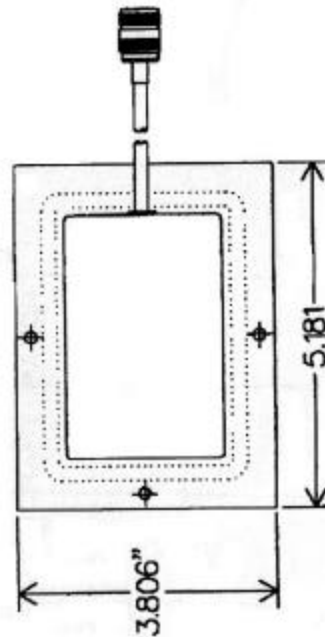
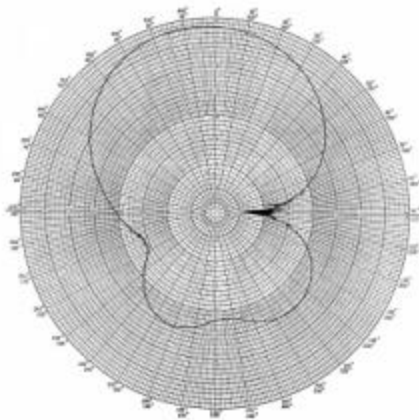
Part #: AIR-ANT1729 **6 dBi, Patch Antenna**

Specifications:

Frequency Range2.4 - 2.5 GHz
VSWR1.5:1
Gain6 dBi
Front to back Ratio18dB
Termination.....Rev. TNC and RG-58
Height.....0.525"
Width.....3.806"
Length.....5.181"
MaterialABS Plastic



E plane and H plane





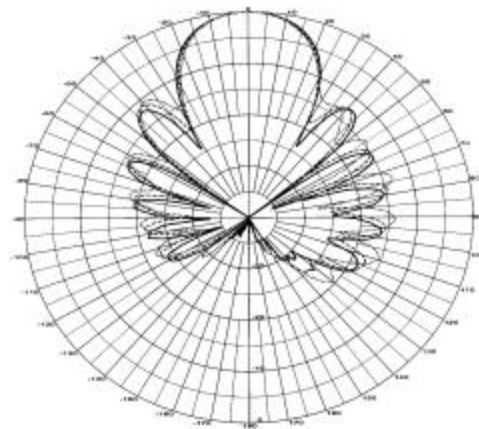
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Part #: AIR-ANT1949 **13.5 dBi, Yagi Antenna**

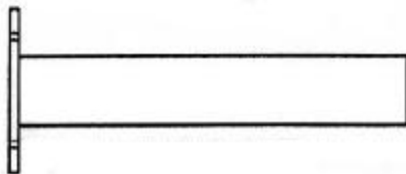
Specifications:

Frequency Range2.4-2.483 GHz
VSWR1.5:1 Nominal
Power Rating5 Watts
Nominal Impedance50 ohms
Gain13.5 dBi
Front-to-Back ratio>20 dBi
½ -power Beamwidth.....30 degrees
Environment.....Outdoor
Size18" Long
Color.....White
Coax Type.....RG58 A/U
Cable Length.....36"
Fabrication Tech.....Fiberglass extr

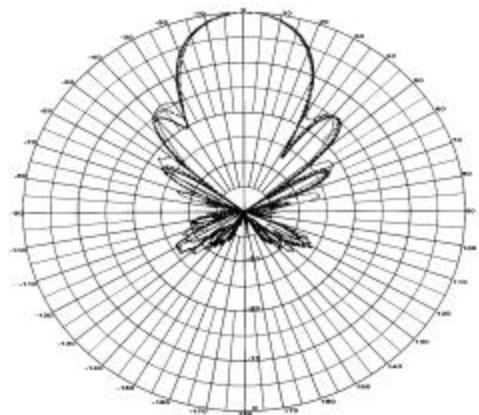
Azimuth Pattern



Outline Drawing of Part:



Elevation Pattern



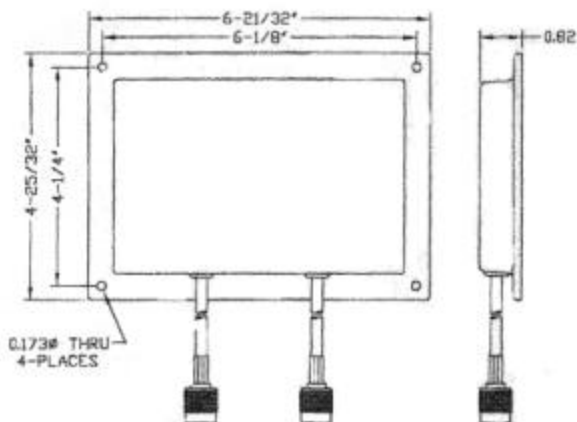
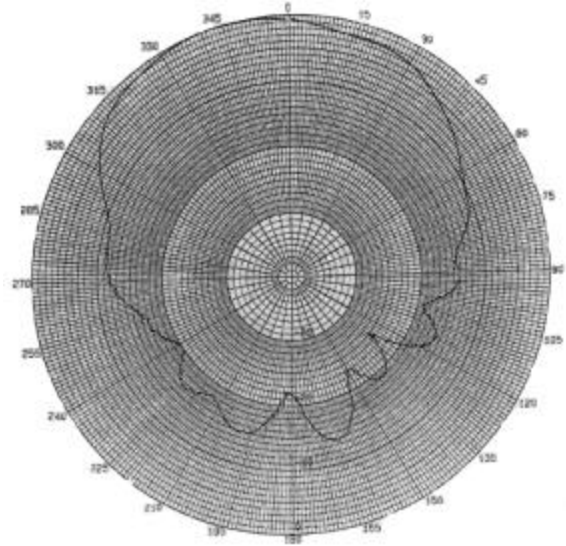


Engineering Data Sheet

Part #: AIR-ANT2012 **2.4 GHz Spatial Diversity** **Directional Antenna**

Specifications:

Frequency Range2.4-2.5 GHz
VSWR1.7:1
Nominal Impedance50 ohms
Gain6.5 dBi Nominal
PolarizationVertical Linear
Coax.....Dual Low Loss RG58
Coax TerminationTNC Rev. Pol. Plug
Weight.....9.6oz
Power.....10 Watts
Length6-21/32'



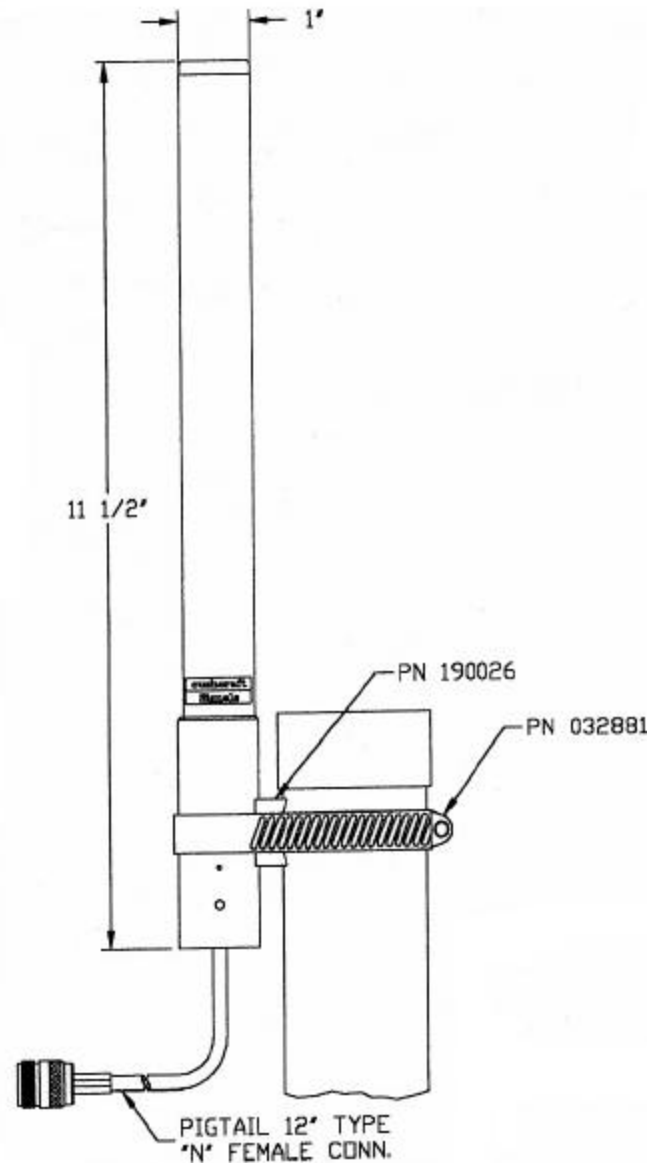
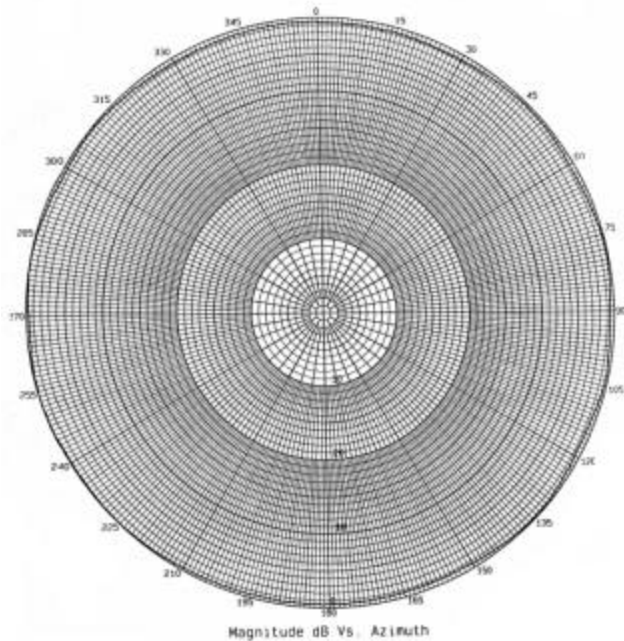


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Part #: AIR-ANT2506 **3 dBd, Omni-directional** **Antenna**

Specifications:

Frequency Range2.4 –2.5 GHz
VSWR1.5:1
Nominal Impedance50 ohms
Gain3 dBd Nominal
E-Plane 3dB Beamwidth.....38 Degrees
Max Power.....50 Watts
MaterialPolycarbonate
PackageOutdoor
Coax.....36" RG58
Coax TerminationTNC Rev. Pol. Plug



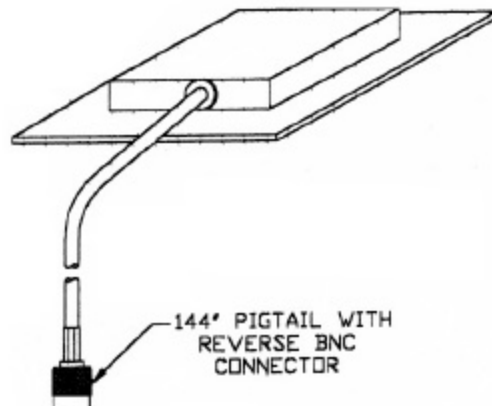
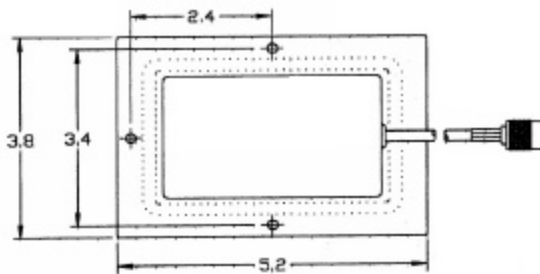
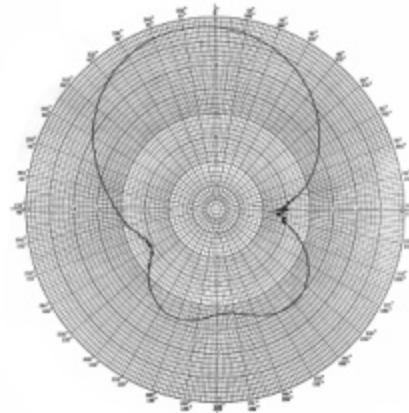
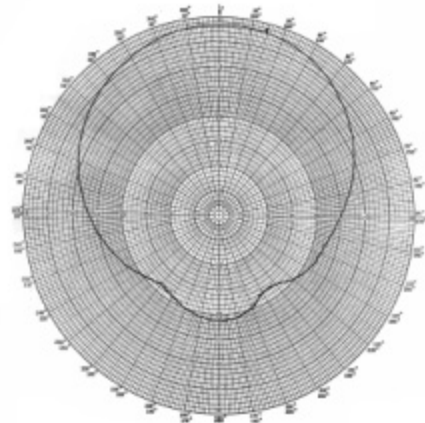


Cisco Technical Marketing

Part #: AIR-ANT3195 **3 dBi, Patch Base Station** **Antenna**

Specifications:

Frequency Range2.45-2.5GHz
VSWR1.5:1
Nominal Impedance50 ohms
Gain3 dBi Nominal
-3dB Beamwidth60 degrees
Coax.....RG58
Coax TerminationTNC Rev. Pol. Plug
Power.....50 Watts



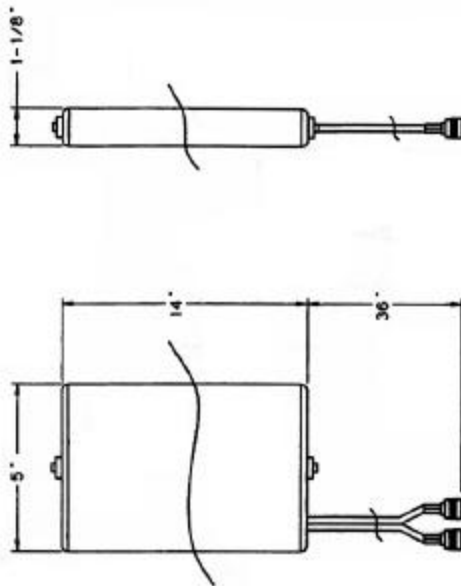


Engineering Data Sheet

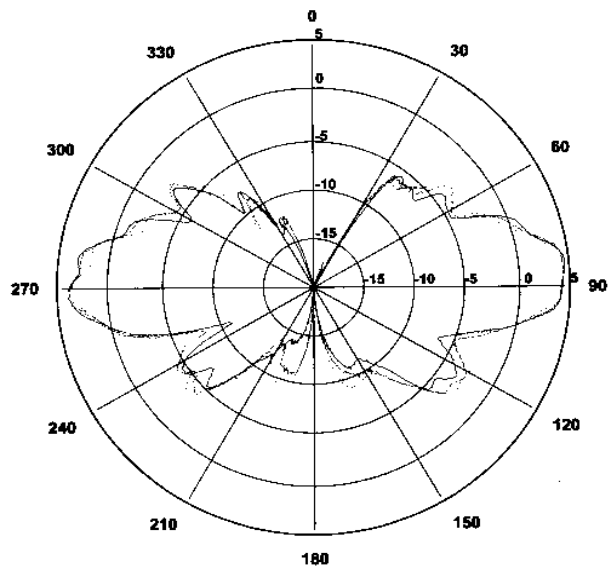
Part #: AIR-ANT3213 **5 dBi, Diversity Omni-directional**

Specifications:

Frequency Range2.5 GHz
VSWR<2:1
Nominal Impedance50 ohms
Gain5 dBi Nominal
Coax.....6" Dual 50 Ohm Low LossRG58
Coax TerminationTNC Reverse Polarity Plug



Elevation Pattern



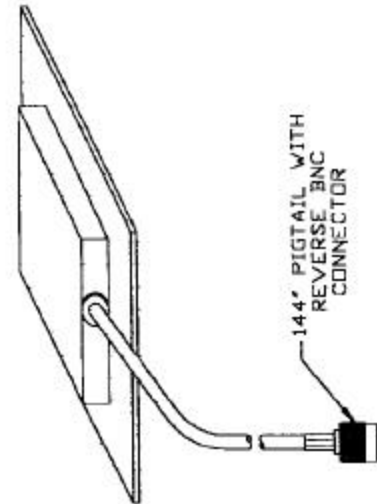


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Part #: AIR-ANT3549 8.5 dBi, Patch Antenna

Specifications:

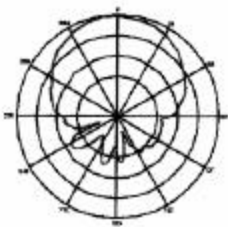
Frequency Range2.4 –2.5 GHz
VSWR1.5:1
Nominal Impedance50 ohms
Gain8.5 dBi Nominal
E-Plane 3dB Beamwidth.....55 Degrees
H-Plane 3dB Beamwidth.....60 Degrees
PolarizationLinear
Coax.36" RG-58
Coax TerminationTNC Rev. Pol.
Environment.....Indoors/Outdoors



Typical Antenna Patterns

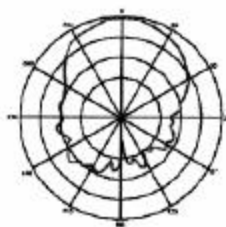
Azimuth Plane

(cut perpendicular to the antenna
and perpendicular to the cable)

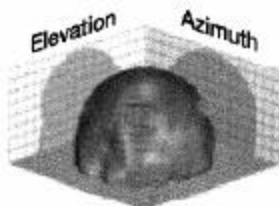


Elevation Plane

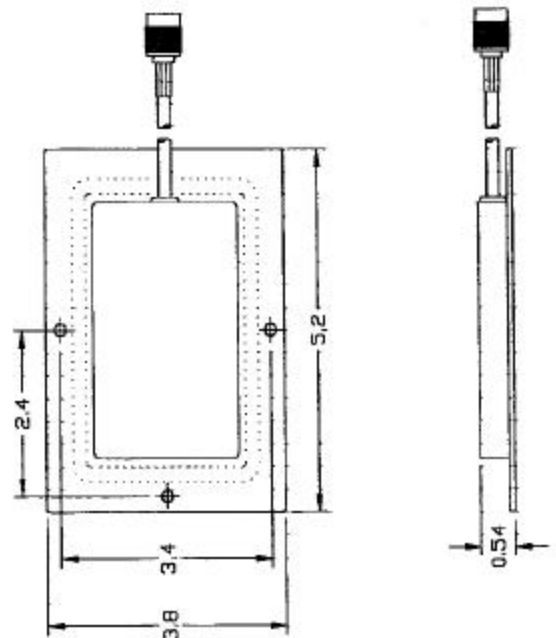
(cut perpendicular to the antenna
along the cable axis)



Spherical Projection



As shown in these
typical antenna
patterns, the
Whisper antenna
offers excellent
high-gain reception
over a broad area.



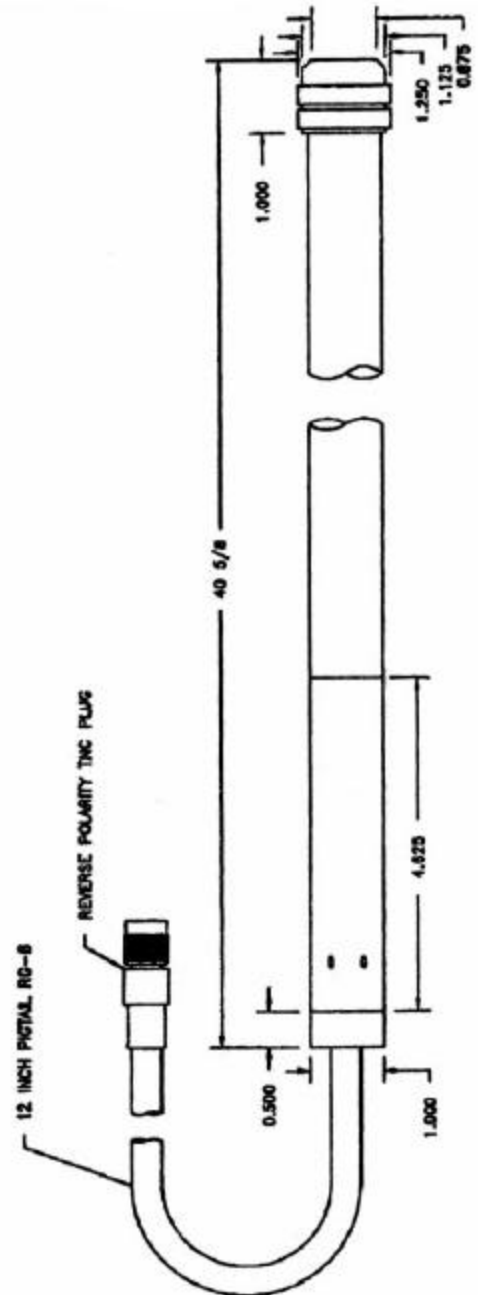
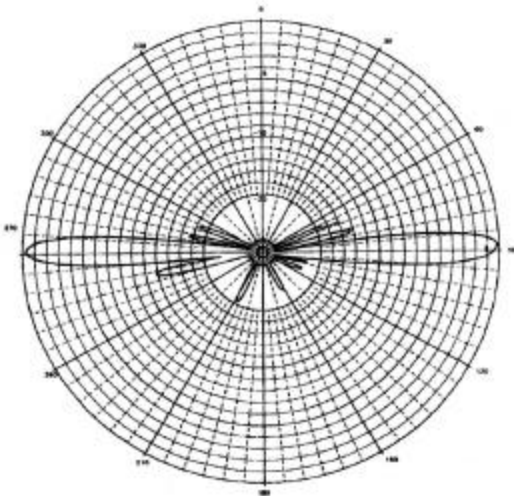


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Part #: AIR-ANT4121 **12 dBi, Omni-directional** **Antenna**

Specifications:

Frequency Range2.4 –2.5 GHz
VSWR1.5:1
Nominal Impedance50 ohms
Gain 12 dBi Nominal
½ -power Beamwidth.....7 degrees
PolarizationVertical
Coax.RG-8
Coax TerminationTNC Rev. Pol. Plug
Environment.....Outdoors



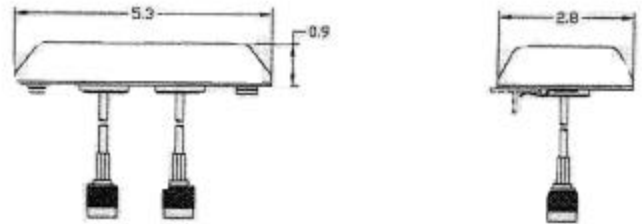


Engineering Data Sheet

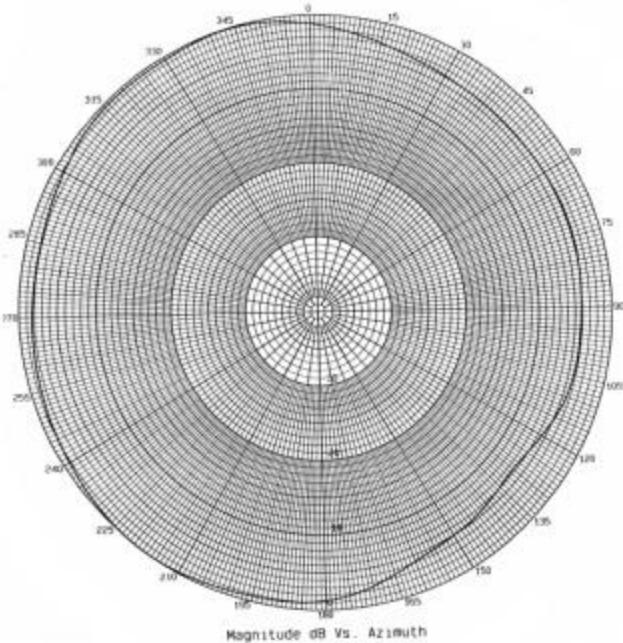
Part #: AIR-ANT5959 **2.4 GHz, 2dBi Integrated** **Omnidirectional Diversity** **Antennas**

Specifications:

Frequency Range2.4 - 2.5 GHz
VSWR1.7:1
Power.....5 Watts
Gain2 dBi
Polarization Vertical Linear
Azimuth Plane Beamwidth.....Omni Directional
Elevation Plane 3dB BW.....80 Degrees
Antenna Connector.....Reverse TNC (2X)



H-Plane



E-Plane

