

REVISION STATUS

REV	RECORD OF CHANGE	DATE & NAME
A	ISSUE 04/02/07	W. Osei-Bonsu
B	ECO P280092 (5/19/2008)	W. Osei-Bonsu

Multinode Omnidirectional Antenna for 2.4 GHz and 5 GHz Bands

1.0 GENERAL DESCRIPTION

THE IS AN OMNIDIRECTIONAL ANTENNA FOR OPERATION IN 2.4/5.2/5.6/5.8GHZ FREQUENCY BANDS.
THE ANTENNA HAS LINEAR VERTICAL POLARIZATION AND CHARACTERISTIC IMPEDANCE OF 50-OHMS.

2.0 QUALITY ASSURANCE

THE SUPPLIER WILL BE REQUIRED TO MAINTAIN A QUALITY SYSTEM AS DESCRIBED IN
"CONTRACTOR QUALITY SYSTEM REQUIREMENTS", DRAWING NUMBER 51191306.

3.0 WORKMANSHIP / GENERAL REQUIREMENTS

DEVICES SHALL BE MANUFACTURED AND FINISHED TO ASSURE NEATNESS, THOROUGHNESS
OF PLATING, LEGIBILITY OF MARKING AND FREE OF BURRS, SHARP EDGES, CRACKS AND
FISSURES. THERE SHALL BE NO WAX, OIL, GREASE OR OTHER FOREIGN MATERIAL ON THE
DEVICES.

4.0 PACKAGING

4.1 PACKAGE SHALL PROVIDE PROTECTION AGAINST ANY DAMAGE, BREAKAGE, OR
LOSS DURING SHIPMENT.

4.2 SHIPPING CARTON MUST BE MARKED WITH HONEYWELL'S DRAWING AND TAB NUMBER.

5.0 PURCHASING

HONEYWELL'S CONTROL NUMBER SHALL BE IN THE FOLLOWING FORM: 51506534-TAB

FCF:	Title: 2.4 GHz & 5.8 GHz Omnidirectional Antenna						Honeywell	
FMF:							OneWireless Multinode	
Made By: W. Osei-Bonsu			Approval	DES	W. Osei-Bonsu	Prints to K44-21	A	51506534
Issued: B				CHKR			Sh no: 1 OF 2	

6.0 ELECTRICAL AND ENVIRONMENTAL SPECIFICATIONS

2.4 GHz Single-Band Antennas

Honeywell Controll No. -TAB	Peak Gain @ 2.4GHz (dBi)	VSWR	Power (W)	Connector Type	Length (mm / in)	Temperature Range (°C)	Manufacturer & Part Number
-100	5.0 dBi	2.0:1	2 W	N-Male	183 / 7.2	-40 to +70	SmartAnt HON04-052160
-101	5.0 dBi	1.5: 1	10 W	N-Male	355 / 14	-40 to +70	PacWireless OD24M-5
	5.0 dBi	2.0:1	2 W	N-Male	355 / 14	-40 to +70	SmartAnt SAA04-051000

2.4 GHz & 5 GHz Dual-Band Antennas

Honeywell Controll No. -TAB	Peak Gain @ 2.4GHz (dBi)	Peak Gain @ 5.8GHz (dBi)	VSWR	Power (W)	Connecto r Type	Length (mm / in)	Temperature Range (°C)	Manufacturer & Part Number
-200	3.5 dBi	5.3 dBi	1.5:1	100 W	N-Male	360 / 14.2	-40 to +80	Air802 ANOM245XM
	4.0 dBi	7.0 dBi	2.0:1	2 W	N-Male	260 / 10.2	-40 to +70	SmartAnt SAA05-220920

NOTES:

FOR VENDOR INFORMATION, REFER TO THE VENDORS WEBSITES: <http://www.smartant.com/>, <http://www.air802.com>, www.pacificwireless.com

FCF:	Title: 2.4 GHz & 5.8 GHz Omnidirectional Antenna						Honeywell	
FMF:							OneWireless Multinode	
Made By: W. Osei-Bonsu			Approval	DES	W. Osei-Bonsu	Prints to K44-21	A	51506534
Issued: B				CHKR			Sh no: 2 OF 2	