

## DBA6927C1-FSMAF

# 698-960 MHz/1710-2700 MHz Dipole Blade Omnidirectional Antenna



#### ARTICULATING DIPOLE BLADE OMNIDIRECTIONAL ANTENNA

The DBA6927C1 dipole blade is an omnidirectional antenna highly suited as a broadband solution for wireless devices that will be configurable for multiple communication protocol applications. Those protocols include the domestic Cellular/PCS/AWS/MDS, WiMax 2100/2300/2500/2600 and global GSM900/GSM1800/UMTS/LTE2600 bands. The antenna is provided with an articulating 90 degree arm that can be position to provide optimal coverage for indoor wireless solutions.

#### **FEATURES AND BENEFITS**

- Low Profile blade style sheath **RoHS**
- Applicable for both 3G and 4G solutions
- Domestic LTE 700 and Global LTE 2600 bands
- Domestic Cellular and Global GSM
- WiMax 2100/2300/2500/2600
- Conformance to RoHS
- Complete cellular and 3G/4G data communications in a single antenna
- Articulating arm that allows antenna positioning to provide maximal coverage

### **MARKETS**

- Wireless Access Points
- Wireless Routers
- M2M Devices

Model DBA6927C1-FSMAF   698-806 MHz 824-894 MHz 880-960 MHz   Frequency 1710-1880 MHz 1850-1990 MHz 1920-2170MHz   2100-2500 MHz 2500-2690 MHz   Peak Gain 0.5 dBi (698-960 MHz) 2.2 dBi (1710-2700 MHz)
Frequency 1710-1880 MHz 1850-1990 MHz 1920-2170MHz 2100-2500 MHz 2500-2690 MHz
2100-2500 MHz 2500-2690 MHz
Peak Gain 0.5 dBi (698-960 MHz) 2.2 dBi (1710-2700 MHz)
Average Efficiency 55% (698-960 MHz) 73% (1710- 2700 MHz)
VSWR < 2.5:1
Nominal Impedance 50 ohms
Polarization Linear
Max. Input Power 3 watts
RF Connector TNC Male
Antenna Weight 49 g
Operational Temperature -35°C to +70°C
Material substance compliance RoHS compliant
Antenna Color Black
Size (L x W x D) 229 mm x 30.5 mm x 15 mm

#### **CONNECTORS**

PART No.	CONNECTOR	BLADE ANGLE
DBA6927C1-FTNCM	TNC – Male	90 deg
DBA6927C2-FTNCM	TNC – Male	0 deg
DBA6927C1-FRNCM	R/P TNC – Male	90 deg
DBA6927C2-FRNCM	R/P TNC – Male	0 deg

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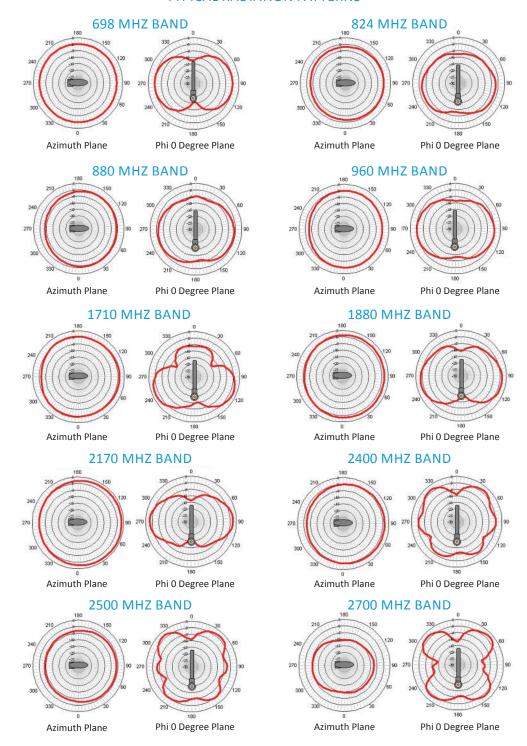
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#### TYPICAL RADIATION PATTERNS



### ANT-DS-DBA69271-FTNCM 071014

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