



## **AWSSDC24** 2.4 GHz Grid Directional Antenna



The AWSSDC24 is a directional antenna system, which incorporates a 2-piece aluminum die cast parabolic grid type antenna reflector with the PMPF, patented 50-ohm passive feed dipole. Dipoles come in 2 basic configurations, N type Female connector and PMPF-xxP with 24" igtail equipped with an N type Male connector. Installation is simple with the Applied Wireless Solutions adjustable tilt "Heavy Duty" bracket that comes standard. The bracket accommodates poles from 1" up to 2.5" O.D. Brackets are full galvanized for extreme corrosion protection and each reflector comes complete with stainless steel hardware and complete assembly

### **APPLICATIONS**

2.4GHz ISM Band Applications  
Point to Point Repeaters  
Wireless Internet Access  
MMDS Applications

### **SPECIFICATIONS**

<b>Weight</b>	5.5 lbs (2 kg)
<b>Dimensions</b>	28.5 x 36 in (724 x 914 mm )
<b>Frequency Range</b>	2400 – 2500 MHz
<b>Gain</b>	24 dBi
<b>Polarization</b>	Horizontal and Vertical
<b>3dB Beam Angle</b>	8 degrees
<b>VSWR ?</b>	1.5 : 1
<b>Maximum Input Power</b>	50 W
<b>Impedance</b>	50 Ohms

### **INTEGRATED ANTENNA PATTERNS**

