

# COMTELCO

## Technical Specification

B265814PW

5.725-5.925 GHz 14 dBi

5.8 GHz PANEL ANTENNA

**Performance:** Directional 4 element planar array antenna for the 5.725 thru 5.925MHz band providing 14 dBi gain.

**Stylish and Durable:** These antennas are manufactured using low loss high deposition printed circuit board material. Heavy plating and total conformal solder mask coating provide exceptional performance at up to 100 watts. A rugged UV inhibited ABS radome with a powder coated aluminum mounting plate provide a robust and stylish package.

**Mounting:** Multiple mounting options are available. These include standard U-bolt pipe style and flat wall mounting plates. Optional full swivel mounts that can point in virtually any direction are also available.



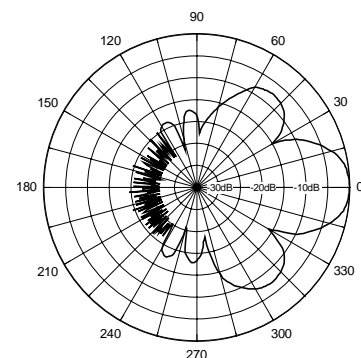
### ELECTRICAL SPECIFICATIONS:

<b>FREQUENCY RANGE:</b>	5725-5925MHz
<b>GAIN:</b>	14 dBi (12 dBd)
<b>FRONT TO BACK:</b>	20dB
<b>VSWR:</b>	1.5:1
<b>VERT BEAM WIDTH:</b>	30°
<b>HORIZ BEAM WIDTH:</b>	30°
<b>POLARIZATION:</b>	Vertical / Horizontal
<b>IMPEDANCE:</b>	50 ohms
<b>POWER RATING:</b>	100 watts

### MECHANICAL SPECIFICATIONS:

<b>RADOME:</b>	ABS, UV
<b>COLOR:</b>	Off white
<b>TERMINATION:</b>	"N" or 8" Teflon low loss
<b>THICKNESS:</b>	1 1/2"
<b>MOUNTING:</b>	U-bolt pipe, flat wall plate or optional swivel
<b>OVERALL SIZE:</b>	4 1/2" x 4 1/2"
<b>FLAT PLATE AREA:</b>	.1406 ft
<b>WIND RATING:</b>	125 MPH
<b>WIND LOAD:</b>	9.5 lbs.

**Horizontal Pattern**



**Vertical Pattern**

