

COMTELCO

Technical Specification

B265814

5.725-5.925 GHz 14 dBi

5.8 GHz PANEL ANTENNA

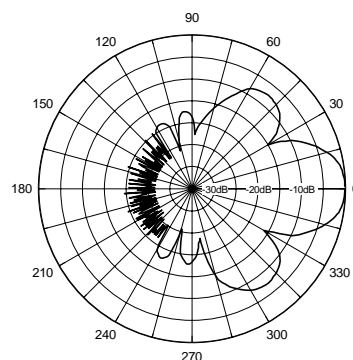
Performance: Directional 4 element planar array antenna for the 5.725 thru 5.925MHz band providing 14 dBi gain.

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.

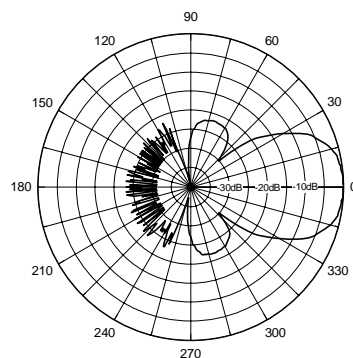
Mounting: Multiple mounting options are available. These include standard V-Bolt, V-Bolt with V-Block Swivel mount with Direct "N". The swivel mount that can point the radome in virtually any direction.



Horizontal Pattern



Vertical Pattern



ELECTRICAL SPECIFICATIONS:

FREQUENCY RANGE:	5725-5925MHz
GAIN:	14 dBi (12 dBd)
FRONT TO BACK:	20dB
VSWR:	1.5:1
VERT BEAM WIDTH:	35 deg
HORIZ BEAM WIDTH:	35 deg
POLARIZATION:	Vertical / Horizontal
IMPEDANCE:	50 ohms
POWER RATING:	100 watts

MECHANICAL SPECIFICATIONS:

RADOME:	ABS, UV
COLOR:	Off white
TERMINATION:	"N" or 8" Teflon low loss
THICKNESS:	3/4"
MOUNTING:	-T V-Bolt Pigtail -TV V-Bolt with V-Block Pigtail -SM Swivel mount, Direct "N"
OVERALL SIZE:	4 1/2" x 4 1/2"
FLAT PLATE AREA:	.1406 ft
WIND RATING:	125 MPH
WIND LOAD:	9.5 lbs.