



# 90 - Degree 5.725 - 5.850 GHz Sector Antenna

## Key Features

- Flat panel design offers low windloads.
- Lightweight and rugged design is easily installed.
- Dimensions:
  - Low Gain model: 25.5 x 8.5 x 7.5 inches
  - High Gain model: 41.5 x 8.5 x 7.5 inches
  - Dual-pol model: 41.5 x 8.5 x 7.5 inches
- Connector Interface: Type "N" female.
- Polarization:
  - Plane Polarized (Horizontal or Vertical)
  - Dual Polarized (Horizontal & Vertical)
- Standard antenna mount accommodates a 2.5 in. to 4.5 in. diameter pipe. Optional 15 degree mechanical downtilt.



## Electrical Specifications, typical

Model #	SEC-5V-16-90	SEC-5H-16-90	SEC-5D-16-90	SEC-5H-18-90	SEC-5V-18-90
Frequency, GHz	5.725 - 5.850	5.725 - 5.850	5.725 - 5.850	5.725 - 5.850	5.725 - 5.850
Polarization	Vertical	Horizontal	Dual	Horizontal	Vertical
Gain, dBi (nominal)	16.0	16.0	16.0	18.0	18.0
Beamwidth -3dB					
Azimuth, deg.	90	90	90	90	90
Elevation, deg.	8	8	8	4	4
X-Pol. Rejection, dB	25	25	25	25	25
Isolation btw ports, dB			20		
F/B Ratio, dB	>25	>25	>25	>25	>25
VSWR, Max	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
(R.L., dB)	(14.0)	(14.0)	(14.0)	(14.0)	(14.0)
RF Interface	"N" (F)	"N" (F)	"N" (F)	"N" (F)	"N" (F)

**Note:** Product specifications may change without notice.  
For greater F/B ratio consult factory.