

Key Features

- Single and Dual Polarization
- Lightweight and rugged design
- Easily installed with our superior mounting system
- RF Connector: Type "N" female
- Our industry leading 7-year warranty
- High Isolation
- Vertical or Horizontal polarization models may be chosen
- Can be attached to a 1.75"-4.0" diameter pipe mast



Antenna Specifications, Electrical (typical)

Model Number	Frequency GHz	Polarization	Gain, dBi (nominal)	Beamwidth -3dB Az° El.°		X-Pol. Rej., dB	F/B Ratio dB	VSWR, Max (R.L., dB)	Optional Downtilt
2.4-2.7 & Dual Band GHz Range									
SEC-25V-90-13	2.4-2.7	Vertical	13.0	90	16	25	>25	1.5:1 (14.0)	STD-15-1
SEC-25H-90-13	2.4-2.7	Horizontal	13.0	90	16	25	>25	1.5:1 (14.0)	STD-15-1
SEC-25D-90-13	2.4-2.7	Dual	13.0	90	16	25	>25	1.5:1 (14.0)	STD-15-2
SEC-25V-90-16	2.4-2.7	Vertical	16.0	90	8	25	>25	1.5:1 (14.0)	STD-15-2
SEC-25H-90-16	2.4-2.7	Horizontal	16.0	90	8	25	>25	1.5:1 (14.0)	STD-15-2
SEC-2V-5H-90	2.4-2.7	Vertical	13.0	90	16	20	25	1.5:1 (14.0)	STD-15-2
SEC-2H-5V-90	5.75-5.85	Horizontal	16.0	90	8	20	35	1.5:1 (14.0)	STD-15-2
	2.4-2.7	Horizontal	13.0	90	16	20	25	1.5:1 (14.0)	STD-15-2
	5.75-5.85	Vertical	16.0	90	8	20	35	1.5:1 (14.0)	STD-15-2
3.4-3.6 GHz Range									
SEC-35V-90-16**	3.4-3.6	Vertical	16.0	90	8	25	30	1.5:1 (14.0)	STD-15-1
SEC-35H-90-16**	3.4-3.6	Horizontal	16.0	90	8	25	30	1.5:1 (14.0)	STD-15-1
SEC-35D-90-16**	3.4-3.6	Dual	16.0	90	8	25	30	1.5:1 (14.0)	STD-15-2
4.4-5.0 GHz Range									
SEC-47V-90-16	4.4-5.0	Vertical	16.0	90	8	25	30	1.5:1 (14.0)	STD-15-1
SEC-47H-90-16	4.4-5.0	Horizontal	16.0	90	8	25	30	1.5:1 (14.0)	STD-15-1
SEC-47D-90-16	4.4-5.0	Dual	16.0	90	8	25	30	1.5:1 (14.0)	STD-15-1
5.25-5.85 GHz Range									
SEC-55V-90-16	5.25-5.85	Vertical	16.0	90	8	25	>35	1.5:1 (14.0)	STD-15-1
SEC-55H-90-16	5.25-5.85	Horizontal	16.0	90	8	25	>35	1.5:1 (14.0)	STD-15-1
SEC-55D-90-16	5.25-5.85	Dual	16.0	90	8	25	>35	1.5:1 (14.0)	STD-15-2
5.725-5.85 GHz Range									
SEC-55V-90-17	5.725-5.85	Vertical	17.0	90	8	25	35	1.5:1 (14.0)	STD-15-1
SEC-55H-90-17	5.725-5.85	Horizontal	17.0	90	8	25	35	1.5:1 (14.0)	STD-15-1

Note: For frequency range 2.15-2.70 GHz or 3.3-3.8 GHz models, contact the factory.

** These sector antennas will operate over 3.60-3.65 GHz. If you want to assure a VSWR < 1.5:1 or better, please state "tune for 3.60-3.65 GHz" on your purchase order.

Radio Waves, Inc. • 495 R Billerica Avenue • N. Billerica, MA 01862 USA • Tel: (978) 459-8800 • Fax: (978) 459-3310 / 8810

www.radiowavesinc.com

978-459-8800 • 978-459-3310 Fax

Radio Waves, Inc.

SEC-90 Rev. A
<http://www.radiowavesinc.com> 25