

SECD-3.5SL-60-10

0.2 M | 0.75 FT SLIMLINE SECTOR ANTENNA, DUAL H & V POLARIZED, 3-3.8GHZ

RadioWaves SlimLine Sector Antennas offer excellent performance in a small aesthetic form factor. The robust design ensures cost effective deployments backed by a 7 year warranty. RadioWaves offers the “right” technology for Point to Multipoint applications through attention to detail and design. Engineered with a careful balance of gain, beamwidth and size, the 3.5 GHz Sector Antenna is ideal for applications requiring dense yet unobtrusive wireless deployments.³

FEATURES

- Inconspicuous modern design, ideal for public spaces, commercial, as well as enterprise applications
- Superior RF performance including dual polarization (H and V)
- Robust construction sustains 155 mph survival wind load
- Rugged compact footprint
- Ease of installation-pole and wall mountable
- 7-year warranty
- Designed and assembled in the USA

[SlimLine Sector Antenna Datasheet](#)



SPECIFICATIONS

General

Antenna Type	Slimline Sector Antenna	Standard RF Connector Type	N-Female
Size, nominal	0.75 ft 0.2 m	Standard RF Connector Suffix	Not Applicable: No model number suffix required
Polarization	Dual H & V		

Electrical

Operating Frequency Band	3.3 - 3.8 GHz	Gain, Mid Frequency	10 dBi
Half Power Beamwidth, Horizontal	60 degrees	Gain, High Frequency	10 dBi
Half Power Beamwidth, Vertical	25 degrees	VSWR	1.75
Front to Back Ratio (F/B)	25 dB	Return Loss	-12 dB
Gain, Low Frequency	10 dBi		

Mechanical

Fine Azimuth Adjustment	Supplied with coarse az adjust only
Fine Elevation Adjustment	+/- 10 degrees
Mounting Pipe Diameter, Min	2 inch 5.1 cm
Mounting Pipe Diameter, Max	4.5 inch 11.4 cm
Net Weight	5 lbs 2.3 kg
Wind Velocity Operational	125 mph 201 km/h
Wind Velocity Survival Rating	155 mph 250201 km/h

Mechanical Configuration	SEC-SL
Axial Force (FA)	29 lbs 129 N
Side Force (FS)	17 lbs 75 N
Twisting Moment (MT)	0 ft-lbs 0 Nm
Operating Temperature Range	-40 to +60 C
Max Pressure, PSIG, (if waveguide interface)	na

Regulatory Compliance

FCC	undeclared
Industry Canada Compliance	undeclared

ETSI	undeclared
RoHS-compliant	Yes

Shipping Information

Package Type	Cardboard
Gross Weight	2.6 lbs 1.2 kg

Dimensions, L x W x H	12 x 12 x 6in 30 x 30 x 15 cm
Shipping Volume	0.5 cu ft 0.01 cu m

*Additional OEM interfaces and adapters may be available. Contact RadioWaves for a complete and current list of available adapters.

TECHNICAL DRAWINGS

