



### 4.9-5.9GHz 65°, 90° & 120° Sector Panels

This WiMAX antenna is designed to cover frequencies from 4.9 to 5.9 GHz. It offers excellent front to back ratio of > 25 with a VSWR of less than 1.7 in a rugged, light gray, UV resistant radome.

#### Features

- Exceptional performance in a compact package
- Outstanding front to back ratio of > 25 dB
- VSWR of less than 1.7 across the band
- Fully adjustable pipe or wall mount



#### Technical Data

Polarization: Vertical
Nominal Impedance: 50 ohms
VSWR: < 1.7
Front to Back Ratio: > 25 dB
Upper Side Lobe Suppression: 30 degrees horizon: > -15 dB
Radome Material: UV resistant ASA plastic
Connector: N, Female Bulkhead
Mounting Method: Adjustable pipe mount bracket (included)
Mounting Material: Plated steel

#### RF/Electrical Specifications

Model	Frequency Range	Nominal Gain	Azimuth Beamwidth	Elevation Beamwidth
SPVL4959-17VP65	4.9-5.9 GHz	16.5 dBi	65° +/- 5°	6°
SPVL4959-16VP90	4.9-5.9 GHz	15.5 dBi	90° +/- 5°	6°
SPVL4959-15P120	4.9-5.9 GHz	14.5 dBi	120° +/- 5°	6°

#### Mechanical Specifications

Model	Temperature Range	Dimensions (L X W X D)	Weight (Mass)	Wind Survivability
SPVL4959-17VP65	-30°C to 75°C storage / -30°C to 75°C operating	22" x 3.1" x 3" (558.8 x 78.7 x 76 mm)	8.8 lbs (1.13 kg)	125 mph (200 km/h)
SPVL4959-16VP90	-30°C to 75°C storage / -30°C to 75°C operating	22" x 3.1" x 3" (558.8 x 78.7 x 76 mm)	8.8 lbs (1.13 kg)	125 mph (200 km/h)
SPVL4959-15VP120	-30°C to 75°C storage / -30°C to 75°C operating	22" x 3.1" x 3" (558.8 x 78.7 x 76 mm)	8.8 lbs (1.13 kg)	125 mph (200 km/h)