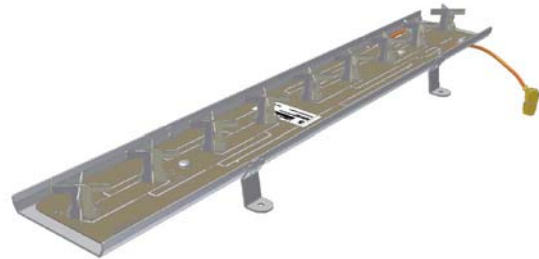


**BASE STATION
ANTENNA**
**4.9-5.9GHz Dual Slant
Sector 65° Integral.**



REGULATORY COMPLIANCE	RoHS Compliance.
<u>ELECTRICAL</u>	
FREQUENCY RANGE	4.9 - 5.9 GHz
GAIN	15.5dBi
VSWR	2.0:1
AZIMUTH BEAMWIDTH	65° (typ) ± 5°
ELEVATION BEAMWIDTH	8°
POLARIZATION	Dual Slant
CROSS POLARIZATION	> 20dB
INTERPORT ISOLATION	- 25dB min.
F/B RATIO	> 25dB
INPUT IMPEDANCE	50 ohm
INPUT POWER	50W
LIGHTNING PROTECTION	DC Grounded
<u>MECHANICAL</u>	
DIMENSIONS (LxWxD)	385 x 60.5 x 37 mm
WEIGHT	136g
CONNECTORS	Cables Pigtail with 90° SMA Male connector
RADOME	As supplied by Alvarion

<u>ENVIRONMENTAL</u>	
TEMP. CYCLING	MIL-STD-810F. Method 503.4 -40°C to +65°C
VIBRATION	MIL-STD-810E. Method 514.4 Procedure I-3.3
SHOCK MECHANICAL	MIL-STD-810F. Method 516.5
HUMIDITY	95% Condensation
WATER TIGHTNESS	System Level Requirement
SOLAR RADIATION	System Level Requirement
FLAMMABILITY	N/A
SALT SPRAY	48 hours continuous salt spray at 35°C MIL-STD-810E, Procedure I, Aggravated Screening and /or ASTM B 117-94.
ICE AND SNOW	System Level Requirement
WIND SPEED: SURVIVAL OPERATION	System Level Requirement System Level Requirement