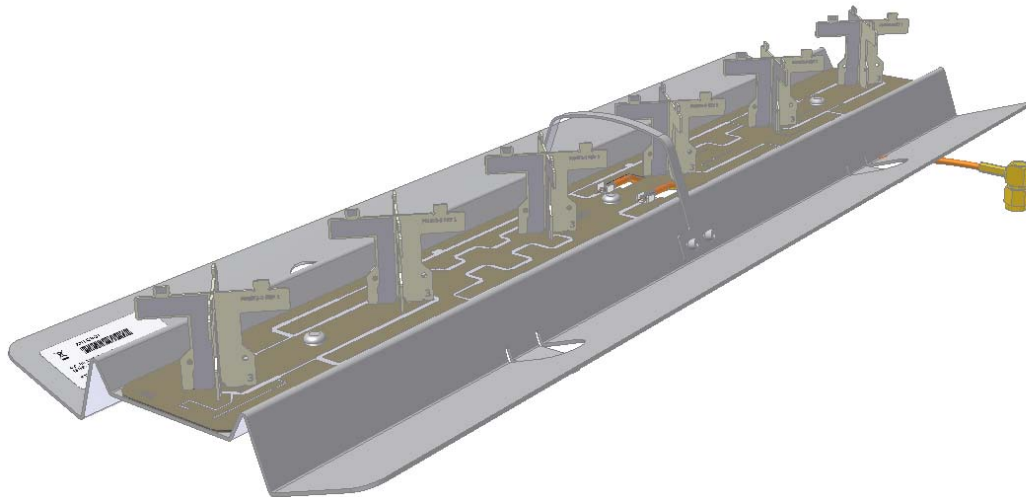


-PRELIMINARY-

**BASE STATION INTEGRAL 3GHz DUAL SLANT POLARIZED
90° P.N. AN1429-01**



REGULATORY COMPLIANCE	RoHS Compliance
ELECTRICAL	
FREQUENCY RANGE	3.3 – 3.8GHz
GAIN	13 dBi
VSWR	2:1
3 dB AZIMUTH BEAMWIDTH	90° (typ) +/- 5
POLARIZATION	Dual Slant
ELEVATION BEAMWIDTH	13°
INTERPORT ISOLATION	-25 dB min.
CROSS POLARIZATION	> 20 dB
F/B RATIO	> 25 dB
INPUT IMPEDANCE	50 ohm
INPUT POWER	50W
LIGHTNING PROTECTION	DC Grounded

MECHANICAL	
DIMENSIONS (LxWxD)	385 X 137 X 42
WEIGHT	226g
CONNECTORS	90° SMA MALE
RADOME	As supplied by Alvarion

ENVIRONMENTAL	
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

