

**BASE STATION INTEGRAL 5GHz DUAL SLANT POLARIZED
90° P.N. AN1428-02**



REGULATORY COMPLIANCE	RoHS Compliance
<u>ELECTRICAL</u>	
FREQUENCY RANGE	4.9 – 5.9GHz
GAIN	14.5 dBi
VSWR	2:1
3 dB AZIMUTH BEAMWIDTH	80° (typ) +/- 5°
POLARIZATION	Dual Slant
ELEVATION BEAMWIDTH	8°
INTERPORT ISOLATION	-25 dB min.
CROSS POLARIZATION	> 12 dB
F/B RATIO	> 25 dB
INPUT IMPEDANCE	50 ohm
INPUT POWER	50W
LIGHTNING PROTECTION	DC Grounded
<u>MECHANICAL</u>	
DIMENSIONS (LxWxD)	385 X 137 X 42
WEIGHT	182g
CONNECTORS	90° SMA MALE
RADOME	Plastic

<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	IP-67
SOLAR RADIATION	N/A
FLAMMABILITY	N/A
SALT SPRAY	N/A
ICE AND SNOW	N/A
WIND SPEED:	N/A
SURVIVAL	N/A
OPERATION	N/A

