



BS ANT 5.15 - 5.875/120V - P/N 858169

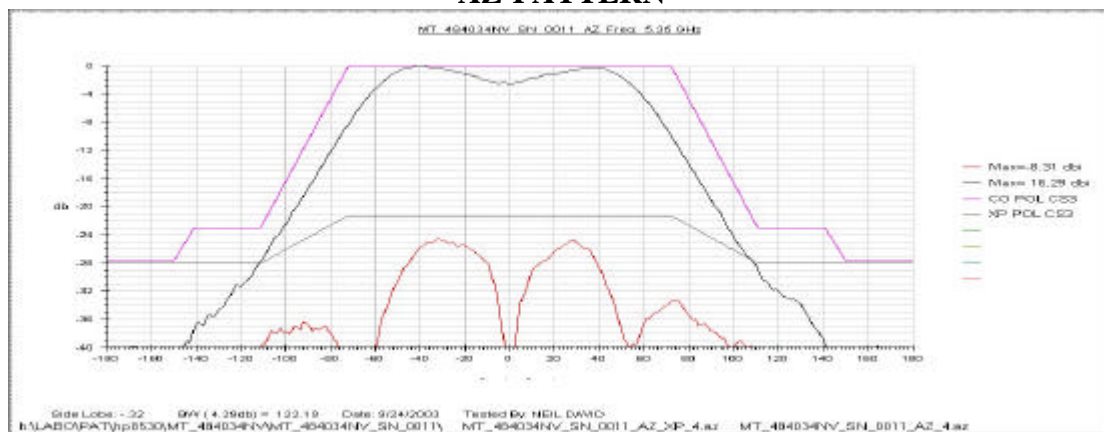
Technical Specification

Marketing P.N	858169
Production P.N	AN1253
ANT.TYPE	SECTOR 5.15-5.875GHz /120V 15dBi
REG. COMP.	ETSI EN 302 085v 1.1.2 CS3
1. <u>ELECTRICAL</u>	
FREQ. RANGE	5.15-5.875GHz
GAIN	15dBi (min)
VSWR	1.7:1
AZ. B.W (3dB)	120° +/- 6°
EL. B.W (3dB)	6° (typ)
ELEC. DOWNTILT	0°
POLARIZATION	Vertical
MAX INPUT POWER	20W
INPUT IMPEDANCE	50 Ohms
F/B RATIO	-30dB (max)
CROSS POLAR. (XPD)	-20dB (max)
2. <u>MECHANICAL</u>	
DIMENSION (HxWxD)	550x250x17 mm
WEIGHT	1.5Kg (max)

CONNECTOR	N- Type female.
RADOME	
MOUNTING H.W	For 2-4 inch. Pole
OUTLINE DRAWING	AN1253
3. ENVIRONMENTAL	
TEMP. RANGE	Operating -40⁰ C to + 65⁰ C
VIBRATION	According to IEC 68-2-36
SHOCK	28g during 11ms x 3 times
WIND LOAD	EN 302 085, Table A.1, Table A.2 (Heavy duty).
WIND SPEED (Survival)	200Km/Hr
HUMIDITY	ETS 300 019-1-4 EN 302 085 (Annex A.1.1)
WATER IMMERSION	IP-67
SALT FOG	MIL-STD-810E.Method 509.3 for 200 hours, IEC 68-2-11
ICE LOADING	25mm
SOLAR RADIATION	ETS 300 019-1-4
SERVICE LIFE	> 20 years
LIGHTNING PROTECTION	DC GROUNDED According to IEC 1000-4-5

BS 5.15-5.875 GHz 120V Antenna Patterns

AZ-PATTERN



EL-PATTERN

