



TS ANT 26GHz High Gain - P/N 300102

Technical Specification

Marketing P.N	300102
Production P.N	AN1212
ANT.TYPE	Subscriber 26GHz High Gain 40dBi (min)
REG. COMP.	ETSI EN 301 215-2 TS1.
1. <u>ELECTRICAL</u>	
FREQ. RANGE	24.25 - 26.5GHz
GAIN	40dBi (min)
VSWR	1.3:1
AZ. B.W (3dB)	1.3⁰
EL. B.W (3dB)	1.3⁰
ELEC. DOWNTILT	0⁰
POLARIZATION	Vertical or Horizontal
MAX INPUT POWER	10W
INPUT IMPEDANCE	50 Ohms
F/B RATIO	60dB
CROSS POLAR. (XPD)	30dB
2. <u>MECHANICAL</u>	
DIMENSION	Reflector Diameter: 600mm
WEIGHT	12.3Kg.
CONNECTOR	Rectangular Waveguide WR-42
RADOME	

MOUNTING H.W	To RFU.
OUTLINE DRAWING	AN1212
3. ENVIRONMENTAL	
TEMP. RANGE	Operating -40 ⁰ C to + 65 ⁰ C
VIBRATION	According to IEC 68-2-36
SHOCK	28g during 11ms x 3 times
WIND LOAD	EN 301 215-1, Table A.1, Table A.2 (Heavy duty).
WIND SPEED (Survival)	200Km/Hr
HUMIDITY	ETS 300 019-1-4 EN 301 215-1 (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

TS 26 GHz High Gain V/H Antenna Patterns

