



BS ANT 10.5/90H - P/N 300072

Technical Specification

Marketing P.N	300072
Production P.N	AN1160
ANT.TYPE	SECTOR 10.5GHz /90H 15dBi
REG. COMP.	ETSI EN 302 085v 1.1.1(1999-01) CS2.
<u>1. ELECTRICAL</u>	
FREQ. RANGE	10.15 - 10.65GHz
GAIN	15dBi
VSWR	1.5:1
AZ. B.W (3dB)	90⁰
EL. B.W (3dB)	6⁰
ELEC. DOWNTILT	2.5⁰
POLARIZATION	Horizontal
MAX INPUT POWER	10W
INPUT IMPEDANCE	50 Ohms
F/B RATIO	30dB
CROSS POLAR. (XPD)	25dB
<u>2. MECHANICAL</u>	
DIMENSION (HxWxD)	320x100x15 mm
WEIGHT	1.6Kg.
CONNECTOR	N- Type female.
RADOME	

MOUNTING H.W	For 2-4 inch. Pole
OUTLINE DRAWING	AN1160
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 10.375 GHz 90H Antenna Patterns

