

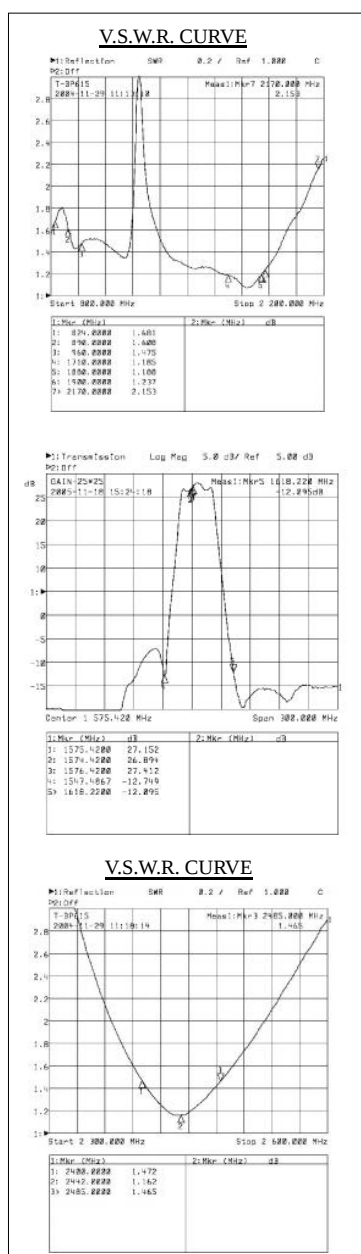
Type n° T-BP620

LOW PROFILE ANTENNA GSM / GPRS / UMTS / WIRELESS LAN / GPS

SPECIFICATIONS

Material:

Base:	Aluminium alloy EN AW-6082
Radome:	Polycarbonate
Net weight (g):	850
Dimensions (mm):	106*160
Temperature (°C):	-40° - +80°
Mounting:	According to FEDERTRASPORTI 00104/5



TECHNICAL DATA GSM / GPRS / UMTS:

Antenna type:	1/4 l Antenna
Frequency range:	
GSM / ETACS / NNT	824 ÷ 960 MHz
PCN / GSM	1710 ÷ 1880 MHz
GPRS	1900 MHz
UMTS	1900 ÷ 2170 MHz
Impedance (Ohms):	50
Max power (W):	100
V.S.W.R.:	less than 2.0
Polarization:	Vertical
Emission:	Omnidirectional
Gain:	2.14 dBi over 1/4 l
Connector:	N Female

DC GROUNDED LIGHTNING PROTECTION

TECHNICAL DATA GPS:

Antenna type:	Active Planar Patch Antenna
Center frequency:	1575.42 MHz
Bandwidth:	± 1,023 MHz
V.S.W.R.:	less than 2.0
Impedance (Ohms):	50
Polarization:	RHCP
Supply voltage:	2.7 ÷ 5 V
Current absorption:	12 ± 1 mA at 2.7 V. 26 ± 1 mA at 5.0 V.
Gain amplifier:	24 ± 1 dB at 2.7 V. 26 ± 1 dB at 5.0 V.
Gain patch antenna:	2 dB
Noise figure:	1.7 ÷ 2.1 dB
Temperature (°C):	-30° - +80°
Cable:	RG 316 mm.150±10 with SMA M.; capacity: 100pF/m

TECHNICAL DATA WIRELESS LAN:

Antenna type:	5/8 l Antenna
Frequency range:	2400 ÷ 2485 MHz
Impedance (Ohms):	50
Max power (W):	10
V.S.W.R.:	less than 2.0
Polarization:	Vertical
Emission:	Omnidirectional
Gain:	5.0 dBi
Cable:	RG 316 mm.100±10 with TNC M.; capacity: 100pF/m