

LOW PROFILE ANTENNA UHF / GPS-GNSS-GALILEO

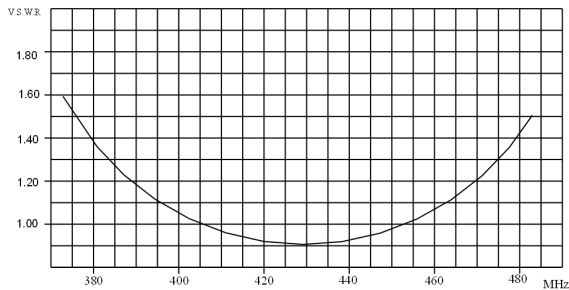
T-BP610.01

SPECIFICATIONS

Material	
Base	Aluminium alloy EN AW-6082
Radome	Polycarbonate
weight (g)	1000
Dimensions (mm)	106*160
Temperature (°C)	-40° - +80°
Mounting	According to FEDERTRASPORTI 00104/5



V.S.W.R. CURVE



TECHNICAL DATA 380÷470 MHZ:

Frequency range:	380 ÷ 470 MHz
Impedance (Ohms):	50
Max power (W):	200
V.S.W.R.:	Less than 2.0
Polarization:	Vertical
Emission:	Omnidirectional
Gain:	2.14 dBi over 1/4 λ
Connector:	N Female

DC GROUNDED LIGHTNING PROTECTION

TECHNICAL DATA GPS/GNSS/GALILEO

Antenna type:	Active Planar Patch Antenna
Center frequency:	1580 MHz
Bandwidth:	± 28MHz
V.S.W.R.:	Less than 2.0
Impedance (Ohms):	50
Polarization:	RHCP
Supply voltage:	2.7 ÷ 5.1 V
Current absorption:	10 ± 1 mA at 2.7 V. 16 ± 1 mA at 5.0 V.
Gain amplifier:	18 ± 1 dB at 2.7 V. 22 ± 1 dB at 5.0 V.
Gain patch antenna:	2 dB
Noise figure:	1.7 ÷ 2.1 dB
Temperature (°C):	-30° - + 80°
Cable:	RG316 mm.300±10 with SMA M;
Capacity:	100pF/m

