

Type n° T-BP630

LOW PROFILE ANTENNA 380÷430 / GSM / GPS / WIRELESS LAN

SPECIFICATIONS

Material:

Base: Aluminium alloy EN AW-6082

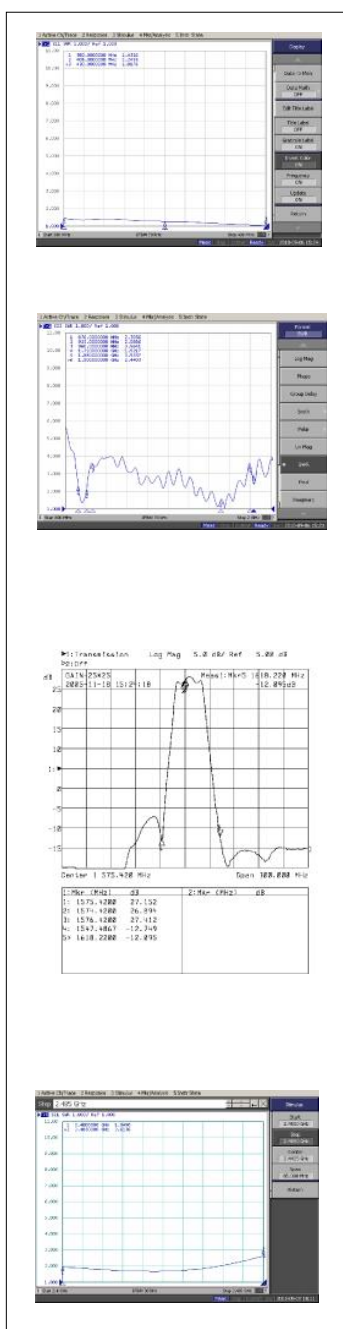
Radome: Polycarbonate

Net weight (g): 1000

Dimensions (mm): 106*160

Temperature (°C): -40° - +80°

Mounting: According to FEDERTRASPORTI 00104/5



TECHNICAL DATA 380÷430 MHz:

Frequency range: 380 ÷ 430 MHz

Impedance (Ohms): 50

Max power (W): 200

V.S.W.R.: less than 2.0

Polarization: Vertical

Emission: Omnidirectional

Gain (dBi): 2.14

Connector: N Female

DC GROUNDED LIGHTNING PROTECTION

TECHNICAL DATA GSM:

Antenna type: Loop Antenna

Frequency range:

GSM / ETACS / NN 824 ÷ 960 MHz

PCN / GSM 1710 ÷ 1880 MHz

Impedance (Ohms): 50

Max power (W): 100

V.S.W.R.: See curve

Emission: Omnidirectional

Gain: 2.14 dBi over 1/4 l

Connector: RG316 mm.330±10 with SMA/M;
capacity:100pF/m

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 ÷ 5.1 V

Current absorption: 12 ± 1 mA at 2.7 V.

26 ± 1 mA at 5.1 V.

Gain amplifier: 24 ± 1 dB at 2.7 V.

26 ± 1 dB at 5.1 V.

Gain patch antenna: 2 dB

Noise figure: 1.7 ÷ 2.1 dB

Temperature (°C): -30° - +80°

Cable: RG 316 mm.300±10 with FAKRA;
capacity: 100pF/m

TECHNICAL DATA WIRELESS LAN:

Frequency range: 2400÷2485 MHz

V.S.W.R.: less than 3.0

Polarization: Vertical

Max power (W): 10

Impedance (Ohms): 50

Gain: 2.14 dBi over 1/4 l

Cable: RG 316 mm.220±10 with SMA/M;
capacity: 100pF/m