

SANETEL-P90T

Ku-band Parabolic
Fly-away VSAT Antenna



Ensure ever-lasting remarkable performance even on Everest

Excellent portability / Automatic Tracking operation
Great tolerance to extreme environments

SANETEL-P90T Ku-band Planar-array Fly-away VSAT Antenna, is designed for outdoor and wilderness satellite communication. SANETEL P90T uses high-efficiency planar-array antenna to achieve ultra compact design. By only one button press, the antenna would automatically deploy, track the satellite, adjust and retract. SANETEL P90T can also be set up easily without any calibration. The compact and modular design makes it easy to adapt to specific packaging.



Portable

Application



Planar Array

Antenna type



Auto

Tracking



IP65

Protection



24 x 7

Service

SANETEL

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Specifications

Mechanical		Environmental	
Antenna Type	Planar-array antenna	Operating Temperature	-40 C ~+60 C
Equivalent Dish Diameter	90 cm	Storage Temperature	-45 C ~+70 C
Reflector Block	2 pieces, detachable	Ingress Protection Rating	IP65
Packaging Dimension(L×W×H)	600×600×420mm	Operating wind	Up to 72kph
Antenna Weight	28 kg		
Electrical		Tracking Performance	
Frequency Range	Rx: 12.25~12.75 GHz Tx: 14.00~14.50 GHz	Initialization Time	≤2 min
Gain	Rx: 38.5 dBi (12.50 GHz) Tx: 39.0 dBi (14.25 GHz)	Azimuth Range	±90°
The first side-lobe	≤-14 dB	Elevation Look Angle Range	+10°~+85°
Cross-polarization isolation	≥30 dB (within 1 dB BW)	Antenna Polarization Range	±35°
G/T	17dB/K@30° elevation	GPS/BDS/INS	Built-in
Signal Polarization	Liner Orthogonal		
Power Consumption	≤50W		

Advantages

Detachable and Portable

SANETEL P90T utilized detachable planar antenna with multiple sub-arrays, resulting in ultra-compact, light-weight and portable features.

Multi-modes Operation

Automatic, semi-automatic and manual modes are available for system operation to keep antenna functional in case of power loss.

One-Man-Operation

Compact and modular design makes it possible for one person to assemble or disassemble in less than 5 minutes.

One-Button-Press Function

By only one button press, the antenna would automatically deploy, track the satellite, adjust and retract in spite of any initial posture.

Excellent Compatibility and Expansibility

SANETEL P90T supports TDMA, SCPC or Spread Spectrum and is compatible with a wide range of commercially available modem systems. Wireless control and remote management function are optional.

SANETEL Service

After sales service is available 24x7x365 by hotline, E-mail and on-site engineers.

Antenna Dimension

