



Omni directional GPS Antenna

MODEL: HA-26V

Cutting-edge Omni directional GPS Antenna that sets you free from concerns of reception pattern



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Our Omni directional antenna **HA-26V** is designed mainly to improve reception in certain types of terrain.

For typical GPS antennas, also known as directional antennas, focus energy in a particular direction. An antenna of this kind are largely used in certain base station applications where coverage over a sector by separate antennas is desired, which means the antenna's performance is generally subject to its particular reception pattern.

For an Omni directional antenna, such as our **HA-26V**, is highly ideal for mobile, portable, and those base station applications where the type of antenna needed has an Omni directional reception pattern. **HA-26V** receives excellently in all horizontal directions, enabling users to work well with this unique GPS antenna without concerning the antenna's reception pattern at all.

Features:

- Omni directional reception pattern
- Excellent performance in all horizontal directions
- Compact Size: 19mm (D) x 83mm (H)
- Excellent Temperature Stability
- Low Noise Figure
- Ultra-High Sensitivity

Applications:

Mobile, portable, and those base station applications where the type of antenna needed has an Omni directional reception pattern

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Specifications:

PHYSICAL CONSTRUCTION	LOW NOISE AMPLIFIER
Construction: The body made of PC and PBT, with the base of zinc.	Center Frequency: 1575.42 MHz +/- 1.023 MHz.
Dimension: 19mm (D) x 83mm (H)	LNA Gain: 30 dB typically
Weight: 17 grams	Bandwidth: 2 MHz min.
CABLE & CONNECTOR	Current Consumption: 18mA~24mA
Connector Available: SMA	Output Impedance: 50 ohm
	OVERALL PERFORMANCE (Antenna Element & LNA)
	Center Frequency: 1575.42 MHz.
	Gain: 30 dB min.
ANTENNA ELEMENT	Noise Figure: 2.0 max.
Center Frequency: 1575.42 MHz +/-1.023MHz	Axial Ratio: 3 dB max.
Polarization: R.H.C.P. (Right Handed Circular Polarization)	Bandwidth: 2 MHz min. VSWR: 2.0 max.
Antenna Gain: +3 dBi typically	Output Impedance: 50 ohm
Axial Ratio: 3 dB max.	ENVIRONMENTAL CONDITIONS
Output VSWR: 1.5 max.	Operating Temperature: -30° C~ +85° C
Output Impedance: 50 ohm	Storage Temperature: -40° C~ +90° C
	Relative Humidity: 95% non-condensing
	Water Resistance: 100% waterproof

(*PS: The specification is subject to change without prior notice)