

Omni-Directional Antenna

This **Omnidirectional Antenna** is designed to provide reliable, high-performance wireless communication across a wide range of applications. Operating over a **2–3 GHz frequency range** with a **7 dBi gain**, it delivers consistent 360° coverage and stable signal transmission and reception. Its omnidirectional radiation pattern makes it ideal for applications where uniform coverage around the antenna is required. Built for dependable operation and robust performance, the antenna is suitable for wireless communication systems, IoT networks, industrial applications, telemetry, networking, and other RF communication environments.

Mechanical Specifications

Type	Omni Directional Antenna
Model	TE-ANT-OMNI-2000-3000-26
Connector	N-Male
Dimension	250 x Φ40 (Approx.)
Weight	< 500 g
Housing	Fiber Glass



Environment Specifications

Operating Temperature	-30 ~ 75 °C
Relative Humidity	≤ 75%
Applications	Indoor/Outdoor
Waterproof Grade	IP65

Electrical Specifications

Frequency Band	2000-3000 MHz
Gain	7 dBi
VSWR	≤ 2.0
Polarization	Linear
Radiation pattern	Omni Directional
Beam-width	360 ° x 30 °
Power Handling	50 W (Max.)
Impedance	50 Ω

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