FIBERGLASS OMNIDIRECTIONAL ANTENNA

TRANSMITTER ANTENNA | 1350–1450 MHz

FREQUENCY RANGE	ANTENNA TYPE	NOMINAL GAIN
1350–1450 MHz	Omnidirectional	4 dBi*



Product Overview

The fiberglass omnidirectional antenna is designed for wireless video and data transmission links operating in the 1350–1450 MHz band. Its omnidirectional radiation pattern helps maintain radio coverage around the antenna without requiring continuous directional alignment. The fiberglass radome provides a protective enclosure for outdoor and mobile communication installations.

Electrical Specifications

Parameter	Specification
Frequency Range	1350–1450 MHz
Nominal Gain	4 dBi*
VSWR	< 2.0*
Input Impedance	50 Ω
Polarization	Linear
Radiation Pattern	Omnidirectional
Antenna Efficiency	> 70%*

Mechanical Specifications

Parameter	Specification
Radome Material	Fiberglass
Radome Color	Black
Connector	SMA-J (male)*
Dimensions	To be confirmed for the 1350–1450 MHz tuned version
Weight	To be confirmed for the 1350–1450 MHz tuned version

Environmental Specifications

Operating Temperature	−40°C to +85°C*
Storage Temperature	−40°C to +85°C*
RoHS	Compliant*
Waterproof / Dustproof Rating	Not specified

Typical Applications

- Wireless video transmitter links
- UAV and mobile communication systems
- Telemetry and wireless data links
- Fixed or portable radio communication equipment

Ordering Information

Please specify the required operating frequency, connector type, cable arrangement (if required), and installation dimensions when requesting a quotation. Customized frequency ranges and mechanical configurations are available subject to engineering evaluation.