

AT-O-0.1-1-S



100 MHz-1 GHz dual band DF antenna system fitted with an SMA connectors

Key Specifications

Operating frequency band A	100-400 MHz
Operating frequency band B	400 MHz- 1 GHz
Connector	SMA female
VSWR	< 2:1
Gain	2 dBi
H-plane Beamwidth	360 degrees
Polarization	vertical
Impedence	50 Ω

This wideband end-fed dipole antenna operates across 400 MHz–1 GHz frequency range and provides reliable vertically polarised coverage for communication, monitoring, and field-deployed RF applications. Its compact radome structure, 50 W power handling, and stable radiation behaviour make it suitable for fixed and mobile installations, telemetry links, wireless monitoring nodes, and broadband UHF communication platforms requiring practical integration and dependable signal coverage.

Please contact AntennaTec for a full interface control drawing.

SPECIFICATIONS

Antenna type	Dipole
Output cables	RG 400 coaxial cables
Number of Antenna Elements	8 Elements (4 per band)
Mounting Configuration	Fixed Mast Mount
Mechanical Construction	Corrosion-resistant aluminum
Environmental Protection	Outdoor Weatherproof Design

AntennaTec may update or improve these specifications from time to time to enhance product design, manufacturing, or performance. This document contains official AntennaTec product information and must not be reproduced, modified, or used for commercial purposes without written permission from AntennaTec.

