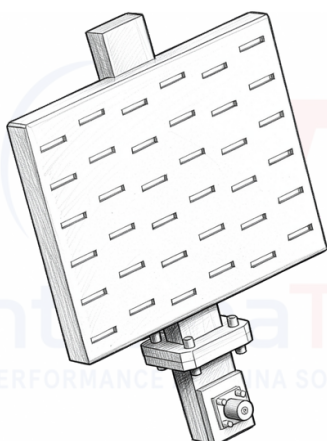


AT-SW-9.6-9.8-N



9.6-9.8 GHz linearly polarized waveguide antenna fitted with a N-type connector

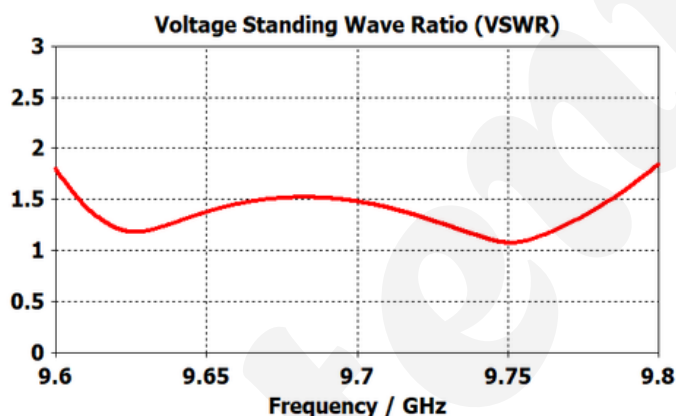
Key Specifications

Operating frequency band	9.6 - 9.8 GHz
Connector	N-type
VSWR	< 2:1
Gain	23 dBi
3dB Beamwidth	11-18 degrees
Polarization	linear/vertical
Impedence	50 Ω

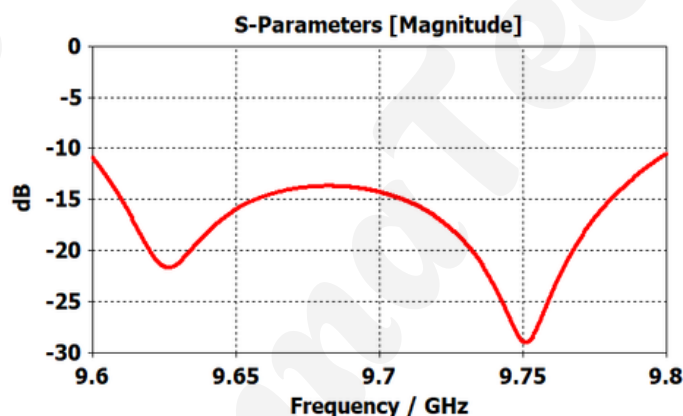
This X-band slotted waveguide antenna operates across the 9.6–9.8 GHz frequency range and provides high-gain directional performance for microwave RF applications. Its planar two-dimensional slotted-waveguide aperture, 23 dBi gain, controlled 11–18° beamwidth, and low VSWR support efficient radiation, focused beam coverage, and stable high-frequency transmission and reception. The antenna is suitable for radar-related systems, microwave communication links, tracking, sensing, RF testing, antenna evaluation, monitoring, and field measurement applications requiring reliable X-band performance, compact mechanical integration, and controlled directional coverage.

Please contact AntennaTec for a full interface control drawing.

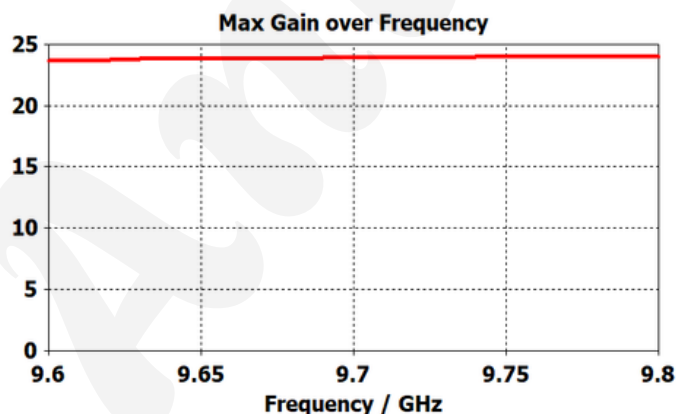
VSWR



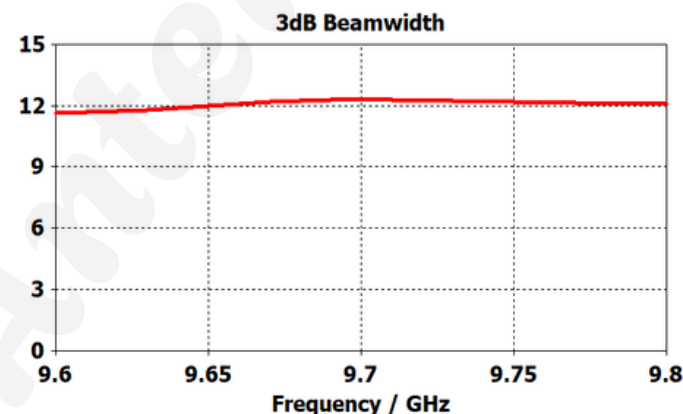
S11



Gain



3dB Beamwidth

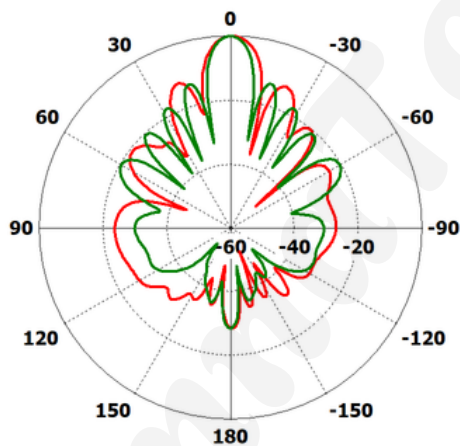


AntennaTec may update or improve these specifications from time to time to enhance product design, manufacturing, or performance. This document contains official AntennaTec product information and must not be reproduced, modified, or used for commercial purposes without written permission from AntennaTec.

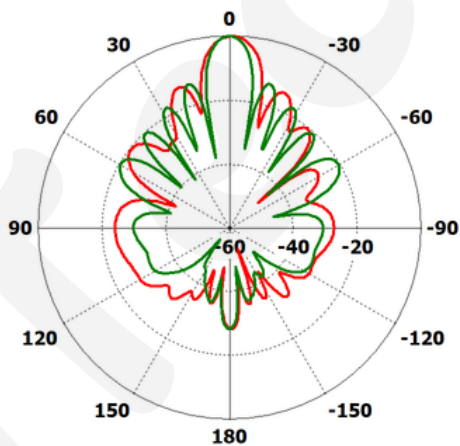


Radiation Patterns: Red = Phi 0; Green = Phi 90

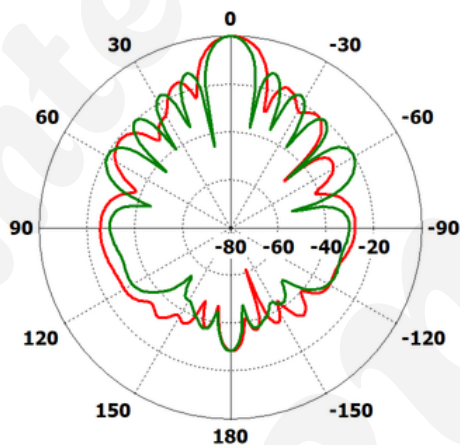
9.6GHz



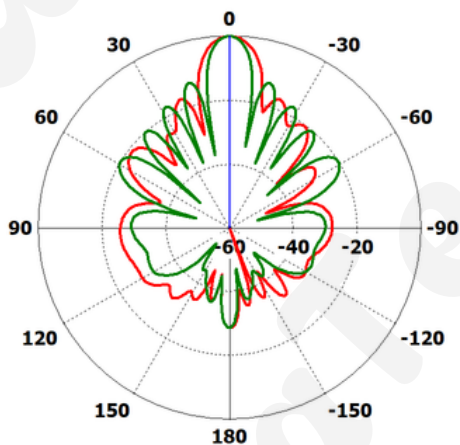
9.65GHz



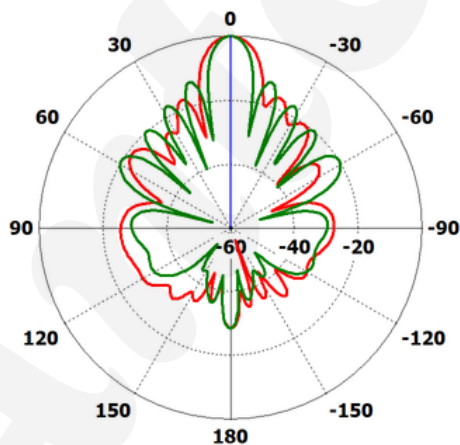
9.7GHz



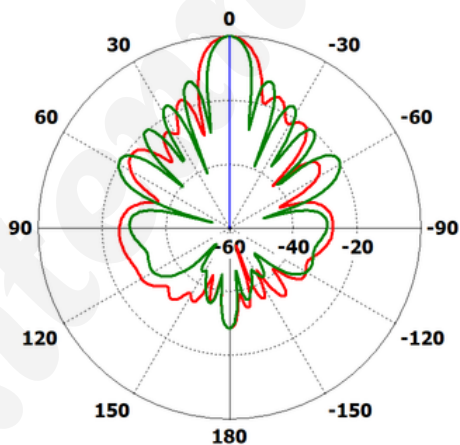
9.75GHz



9.78GHz



9.8GHz



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.

