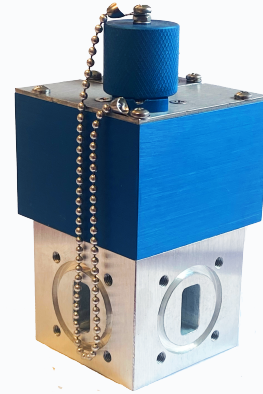




DC - 50 GHz · WAVEGUIDE SWITCHES · COAXIAL SWITCHES · DEFENSE · SATCOM

AST Microwave is a leading manufacturer of waveguide, coaxial and dual switches with over 30 years in the field. Founded in 1992, AST has delivered more than 30,000 units to over 100 countries. The patented quadrant-driver system ensures exceptional switching precision and long-term reliability.



Product Portfolio

Waveguide Switches

WR28 - WR975

SPDT and SP4T configurations across all standard waveguide bands. Tested to 500,000 switching cycles for continuous-duty applications.

Coaxial Switches

DC - 50 GHz

SPDT, SP4T and SP6T designs with SMA, 2.92 mm and N-type connectors. Ideal for test systems and redundancy routing.

Dual Switches

DC - 40 GHz

Simultaneous switching of two signal paths in a single compact housing — saves rack space and simplifies system integration.

Custom Switches

ON REQUEST

Application-specific designs to customer specifications — frequency, power handling and flange type fully configurable.

Strengths at a glance

Made in Canada

Complete production in Kingston, Ontario — own machine shop, short supply chains and close engineering control.

30+ Years Experience

Since 1992, focused on waveguide switches and RF components for telecommunications and SATCOM industries.

3-Year Warranty

Three years on all products — a reflection of quality standards and field-proven durability.

Short Lead Times

In-house manufacturing enables fast turnaround and competitive delivery schedules — even for bespoke configurations.

Waveguide Specialist

Switches, bends, adapters, terminations and flexible sections — a comprehensive range for waveguide systems.

Field-Proven Reliability

AST switches are known for longevity — many units remain operational after 17+ years of continuous service.

Industries & Use Cases

SATCOM

Ground stations, VSAT terminals and satellite uplinks — the core market for over three decades.

Broadcasting

Waveguide switching and routing for professional TV and radio transmission facilities.

Telecom Backhaul

Microwave point-to-point links and backhaul networks operating from 6 to 40 GHz.

Military Radar

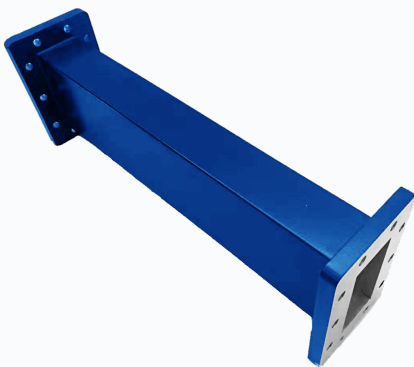
High-reliability components for ground-based, naval and airborne radar platforms.

Redundancy Routing

Automatic failover systems and hot-standby transmitter configurations for mission-critical installations.

Custom Solutions

Tailored waveguide assemblies to customer drawings with short iteration cycles and rapid prototyping.



Available through bq-microwave

bq-microwave is the authorized European distributor for AST Microwave. Fast procurement, short lead times and personal technical consultation.

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