

# SAQR7000

## Flexible Modular Microwave Backhaul System 1+1 / 1+0 and more



The SAQR7000 is a high-performance, modular microwave platform designed for mission-critical backhaul networks. Supporting IP, native ASI, and TDM transport, it delivers uncompressed data at up to 900 Mbps per 2+0 system, while scaling to 8+0 configurations for more than 4 Gbps throughput on a single path.

Operating across licensed frequency bands from 2 GHz to 38 GHz, the SAQR7000 offers flexible deployment in all-indoor or split-mount architectures, with fully redundant configurations that safeguard every network component.

Engineered with very high-power radios for long-distance backhaul, advanced synchronization, and carrier-grade encryption (AES-256, FIPS 197 compliant), the SAQR7000 ensures secure, ultra-reliable connectivity with 99.9999% availability.

Built for resilience and scalability, it is an ideal solution for telecom operators, government networks, utilities, and critical infrastructure providers who demand uncompromising reliability.

### Key Features

- Modular microwave system supporting IP, ASI, and TDM transport
- Up to 900 Mbps per 2+0 system, scalable to 8+0 for 4+ Gbps throughput
- Operates across 2 GHz to 38 GHz licensed frequency bands
- Flexible deployment: all-indoor or split-mount architectures
- High spectral efficiency with advanced adaptive modulation
- Fully redundant configurations for maximum reliability
- Very high-power radios for extended long-distance backhaul



### Key Highlights

- Modular microwave system supporting IP, ASI, and TDM
- Capacity up to 900 Mbps per 2+0, scalable to 8+0
- Licensed frequency bands from 2 GHz to 38 GHz
- All-indoor or split-mount architecture options
- Advanced adaptive modulation for spectral efficiency
- Fully redundant configurations for resilience
- High-power radios for long-distance backhaul
- Carrier-grade AES-256 encryption (FIPS 197 compliant)

