

Fixed Attenuators for Wireless Communications Testing

From the market innovator in fixed microwave attenuators and passive coaxial products

The move to 5G, the transition to Wi-Fi 6E, rapid growth of streaming services, cloud-based communications, and now IoT and Car2Car all means that wireless communications test & measurement solutions are more in demand than ever. Leading makers of test & measurement devices for wireless communications choose Spectrum Control's fixed attenuators, terminations and passive coaxial components.

5G, Wi-Fi 6E, and mmWave Leadership

Rapid growth in wireless communications places more emphasis on infrastructure expenditures and roll-out of new products and services. This demands superior testing equipment. Spectrum Control works closely with each customer to optimize a solution for their unique requirements.

Test & Measurement is a core market for Spectrum Control fixed attenuators and passive coax components.

Spectrum Control has extensive experience working with service providers, device makers, integrators and defense contractors. For test & measurement, our products can be found in the following areas:

- Mobile Network Testing
- Wireless Communications Testers & Systems
- Broadcasting and Multimedia test & measurement equipment
- Network Analyzers
- Spectrum Analyzers
- Signal Generators



Spectrum Control's AHC fixed attenuator series. Inmet brand. Leading choice with the wireless test market.



Everyone, everywhere, always connected. Huge market for T&M makers.

Technology Partnership

Accuracy for your equipment is absolutely critical. Our team works closely with you to ensure reliable, repeatable accurate measurements for your clients. This includes for base station evaluation, test lab support, radio infrastructure, and more. For our fixed attenuators, selection criteria includes:

- Power handling
- Frequency range
- dB values
- Connector type
- Form factor
- Environmental needs
- Materials

Other Core Differentiators of Spectrum Control Fixed Attenuators

- Proprietary resistor film provides extended peak power performance compared to commonly used thin and thick film materials
- Injection molded connectors deliver consistency, ruggedness and repeatable electrical performance
- Custom designs available
- Manufacturing center of excellence