



# SUCCESS STORY

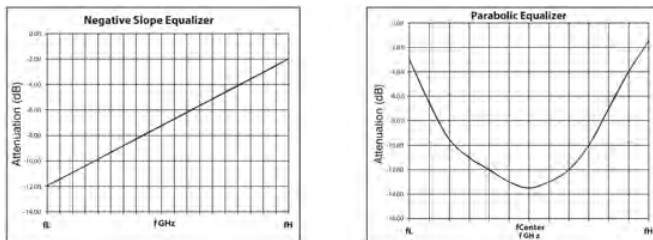
## Gain Equalizers for Mission Critical Applications

*How Spectrum Control's Tubular Style Gain Equalizers Support Critical Applications On Board Military Aircraft*

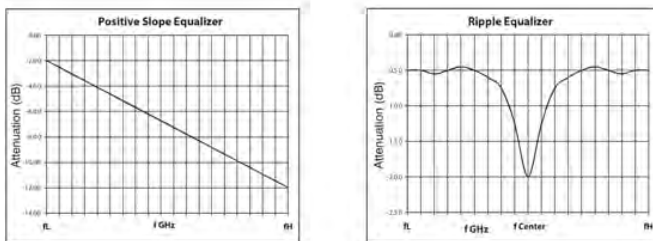
Signal integrity is always mission critical, and this is especially true with applications on board military aircraft. But long cable runs, circuits, amplifiers, and other factors all impact frequency gain response -- and degrade signal performance. Installing Spectrum Control's tubular style gain equalizers will introduce a loss profile opposite of the cable loss, resulting in a uniform slope. We call this flattening the curve. One more example of Spectrum Control gain equalizers in action.



*Gain equalizers by Spectrum Control Inmet to ensure signal integrity for even the most demanding applications.*



Equalizers for every need.



### Design, Test, Manufacture and Support

We understand that gain equalizer requirements are different for low frequencies and high frequencies, and for different applications. But the need is the same: correcting system gain response to deliver your signal. Spectrum Control has engineering staff devoted exclusively to its gain equalizer product line. Rare in this industry. Our clients span MILCOM, electronic warfare, test & measurement, and more.



### RF & Microwave Components Experts

Spectrum Control has over 2,500 equalizer designs and more than 200 customers worldwide. Equalizers can be designed to meet the desired performance parameters and package configurations for your application. Features include:

- DC to 40 GHz frequency range
- SMA, 2.9mm, N, TNC, SMP and 2.4mm connectors available
- Meet MIL-SPEC environmental requirements
- Tubular and rectangular styles
- Broadband or narrowband frequency performance
- Custom designs
- Post-sale technical support
- Unmatched tuneability