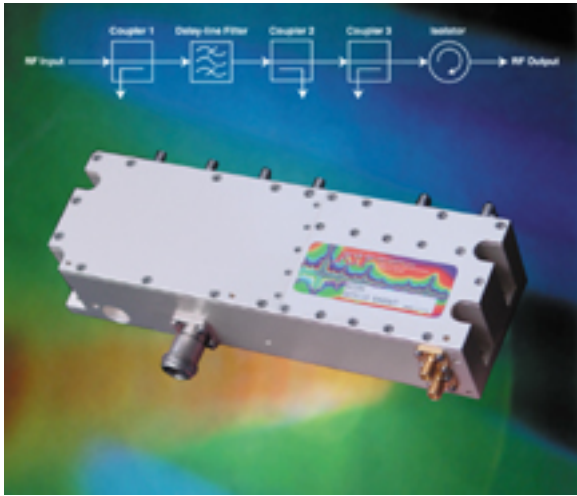


## Delay Line Filter Assemblies



FSY Microwave has developed a line of Delay Line Filter Assemblies to be used in High Power Feed Forward Amplifier applications. These products are custom designed to OEM specifications. The FSY design uses proprietary techniques to achieve maximum delay in a minimum package size. The assemblies typically consist of a delay line filter with an integrated isolator and couplers. The couplers are used for signal sampling and feed forward injection of the signal to aid the amplifier manufacturer in the cancellation of inter-modulation/distortion products generated by their power amplifier. By integrating the assembly, Losses associated with interconnects are reduced.

**Source URL (retrieved on 01/31/2015 - 7:41am):**

<http://www.wirelessdesignmag.com/product-releases/2001/04/delay-line-filter-assemblies>