



CAVITY FILTERS



Microwave Filter Company's Iris coupled, Compline and Interdigital bandpass filters are fixed tuned filters that feature sharp stopband rejection and lower losses than comparable discrete element or tubular (transmission line) bandpass filters. Parallel coupled, distributed round rod resonators provide high-Q with small size and excellent bandpass response.

These units are particularly rugged and well suited for military and severe environmental conditions. The type of filter selected is usually determined by the desired 3 dB bandwidth percentage of center frequency.

Design Curves

The normalized bandwidth attenuation curves included here-in are representative only and are not meant to be definitive with regard to the filter parameters. Many other variables allow the designer to tailor the transfer function to meet the custom needs of a requirement