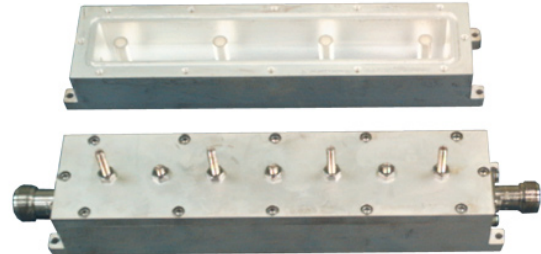


Comblines Bandpass Cavity Filter

Product Features

- Direct-coupled resonator design
- Very good rejection and spurious characteristics
- Low pass band insertion loss
- Lightweight, compact and economical
- Robust construction



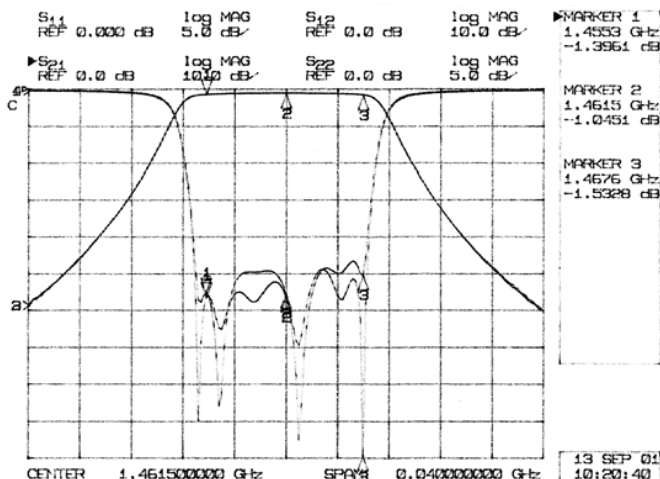
Overview

UBS Comblines filter designs incorporate high “Q” structures enabling the realization of high skirt selectivity and very low pass-band insertion loss. This makes them ideally suited for critical receiver front-end or transmitter applications. Increased selectivity is accomplished by the addition of more resonators to the design.

The filter housing is generally made from lightweight aluminum and may be silver-plated for improved electrical characteristics. Temperature related frequency shifting is minimized through the use of proprietary design techniques and strict process control.

UBS Comblines filters are available from 2 to 14 resonator sections with bandwidths up to 30% and operating frequencies from 1GHz to 18 GHz. Please consult our sales department for further details.

Typical Frequency Response



Product Specifications

Frequency Range	1 GHz - 18 GHz
Available Bandwidth	Up to 30%
Insertion Loss	0.5 dB – 2.0 dB (dependant on # of sections)
Stop Band Attenuation	Consult Factory
Number of Resonator Sections Available	2 to 14
VSWR	1.50:1 (Standard) 1.20:1 (Premium)
Connectors	SMA or N-type
Dimensions	Consult Factory

(specifications are subject to change without notice)