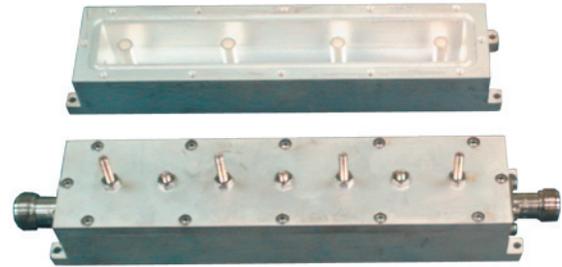


Comblin Bandpass Cavity Filter

Product Features

- Direct-Coupled Resonator Design
- Very Good Rejection and Spurious Characteristics
- Low Pass Band Insertion Loss
- Lightweight, Compact and Economical
- Robust Construction

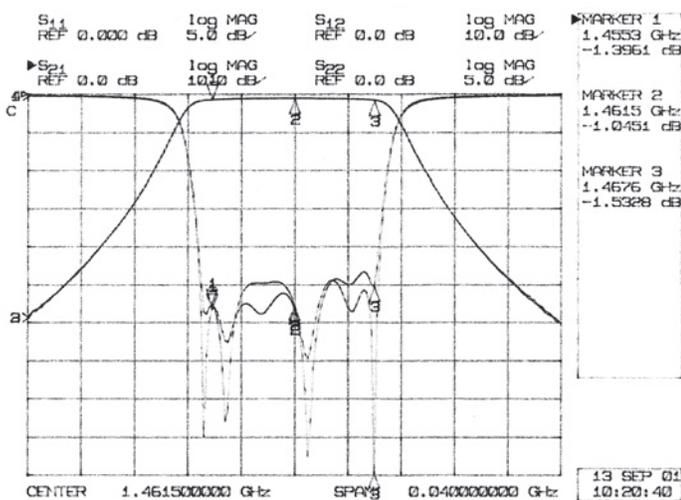


Overview

UBS Comblin filter designs incorporate high “Q” structures enabling the realization of high skirt selectivity and very low pass-band insertion loss making 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 Comblin 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 – 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 Type N
Dimensions	Consult Factory

(specifications are subject to change without notice)

