

Overview

NIC's CV series line of C & X Band cavity filters are designed with high performance to support ruggedized applications.

Features

- High Q & Low Loss
- High Selectivity & Excellent Ultimate Rejection
- Custom Designs Available

Cavity Filters [C & X Band]

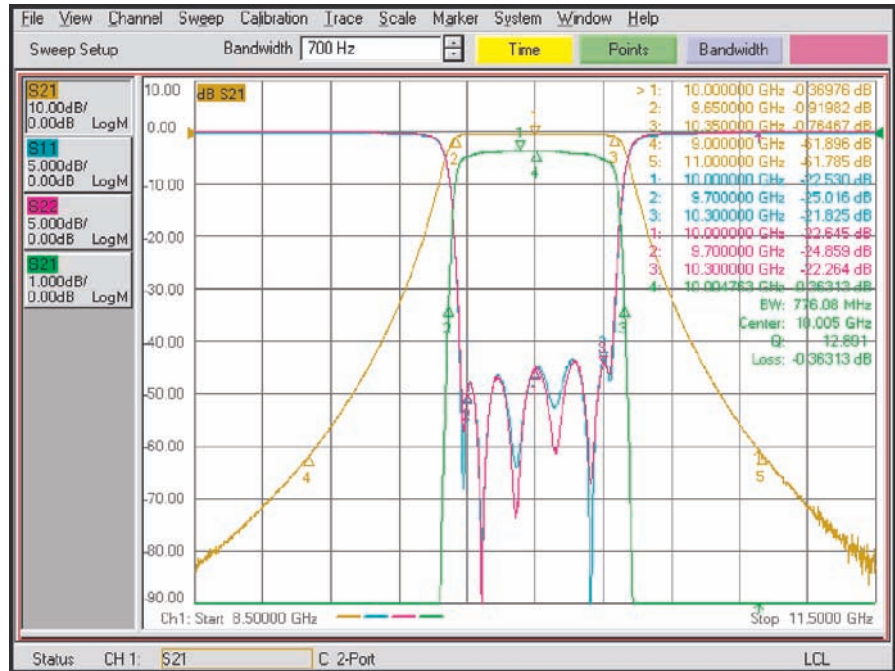


SPECIFICATIONS

Center Frequency	5 to 15 GHz (Fixed)
3 dB Bandwidth	1 to 10 % (Fixed)
Insertion Loss	0.5 to 4 dB
Return Loss	15 dB Typical
Stop Band Rejection	6-pole Chebyshev Response
Operating Temperature	-40 °C to +90 °C
Dimensions	2.3 x 0.5 x 0.5 inches
Connection	SMA female
Impedance	50 Ohms

Cavity Filters [C & X Band]

CF: 10 GHz 3 dB BW: 700 MHz



CF: 14 GHz 3 dB BW: 140 MHz

