

BAND PASS CAVITY**30-1000 MHz****61-XX-7X Series**

Comprod Inc. BandPass filters are designed for minimizing interference from adjacent channels and outside systems. They are available in single, double, triple or more units. Selectivity can be determined by the insertion loss of the cavity or by adding additional cavity units as needed. Each cavity is temperature compensated for operation between -40°C to +60°C. Each cavity has a gold alodine finish, silver plated loops and silver plated tuning rods. Every cavity is equipped with coarse and fine tuning rods for quick and easy field or lab re-tuning.



- **Temperature Compensation**

- Ensures Frequency Stability

- **High Attenuation**

- Minimizes desense and interference from adjacent systems

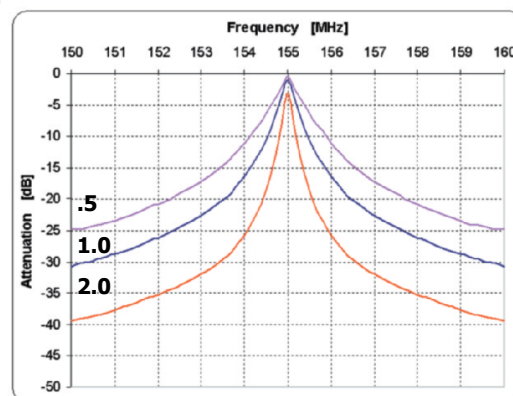
- **Adjustable Loops**

- Each cavity has a calibration index to reference insertion loss

Electrical Specifications	61-03-71	61-06-71	61-11-71	61-13-71	61-40-71	61-74-71
Frequency Range, MHz	30-50	66-88	118-136	136-174	406-512	746-960
Frequency Spacing Min.	Please Refer To Typical Curves					
Cavity Diameter, in	6.625	6.625	6.625	6.625	6.625	6.625
Continuous Power Input, Watts (Dependent on insertion Loss)	150	150	150	150	150	150
Connectors	N Female	N Female	N Female	N Female	N Female	N Female
Insertion Loss	Please Refer To Typical Curves					
Reject Attenuation	Please Refer To Typical Curves					
VSWR	1.22:1	1.22:1	1.22:1	1.22:1	1.22:1	1.22:1
Temperature °C	-40 to +60	-40 to +60	-40 to +60	-40 to +60	-40 to +60	-40 to +60

Mechanical Specifications	61-03-71	61-06-71	61-11-71	61-13-71	61-40-71	61-74-71
Maximum length, in	132	77	31.5	26	11.5	13
Weight, lbs	n/a	n/a	18	15	10	10

Order Information	Single	Dual	Triple
4" Cavity	61-XX-41	61-XX-42	61-XX-43
6.625" Cavity	61-XX-71	61-XX-72	61-XX-73
10" Cavity	61-XX-01	61-XX-02	61-XX-03

**61-13-71**