

PASS-REJECT CAVITY

30-1000 MHz

62-XX-7X Series

Comprod Inc. Pass Reject filters are designed to pass a frequency band and reject a narrow band of frequencies. They provide more attenuation than our standard bandpass type cavities. These cavities can reject frequencies on either the high or low side of the pass frequency. 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 both 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



Electrical Specifications	62-03-71	62-06-71	62-11-71	62-13-71	62-40-71	62-74-71
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	300	300	300	300	300	300
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	62-03-71	62-06-71	62-11-71	62-13-71	62-40-71	62-74-71
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	62-XX-41	62-XX-42	62-XX-43
6.625" Cavity	62-XX-71	62-XX-72	62-XX-73
10" Cavity	62-XX-01	62-XX-02	62-XX-03

