

## BAND PASS Preselector Filter VHF

## 138-174 MHz

### 59-13-44, 59-13-46

Our Bandpass preselector filters are designed to improve selectivity in a compact package. They represent an optimized solution for receiver and transmitter. This construction with solid welded cavities, gold Alodine finish, silver-plated loops, and silver-plated tuning rods offers a minimum insertion loss and good stability in temperature. These filters are the ideal solution to be used in crowded RF environment site where the noise is an important factor.

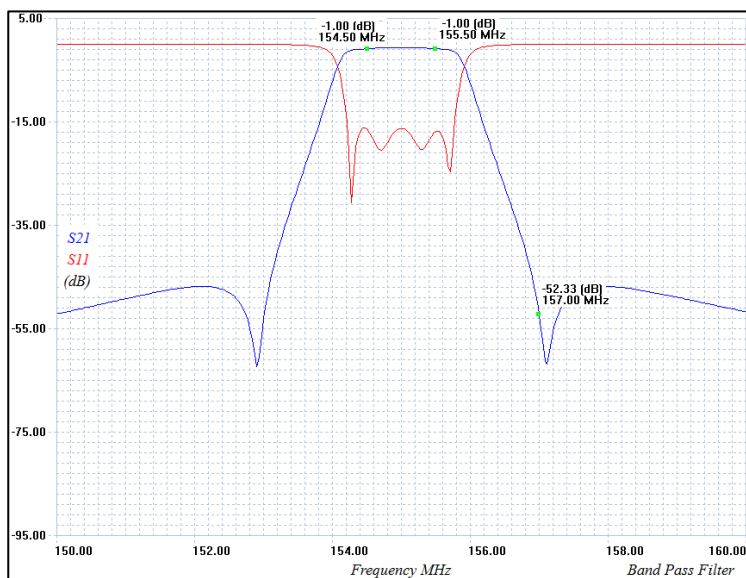
Electrical Specifications	59-13-44	59-13-46
Frequency Range, MHz (in splits)	138-174	138-174
Bandwidth, MHz	1 – 2.5	1 – 2.5
Isolation at 1.5 MHz from the band edge (dB)	45	70
Insertion Loss max, dB	1.5	1.5
Return Loss (min), dB	20	20
Power handling (CW), Watts	450	450
Temperature °C	-40 to +60	-40 to +60
Mechanical Specifications	59-13-44	59-13-46
Maximum length, in (H x W x D)	4 x 19 x 14	8 x 19 x 14
Weight, lbs (kg)	13.2 (6)	16.5 (10)



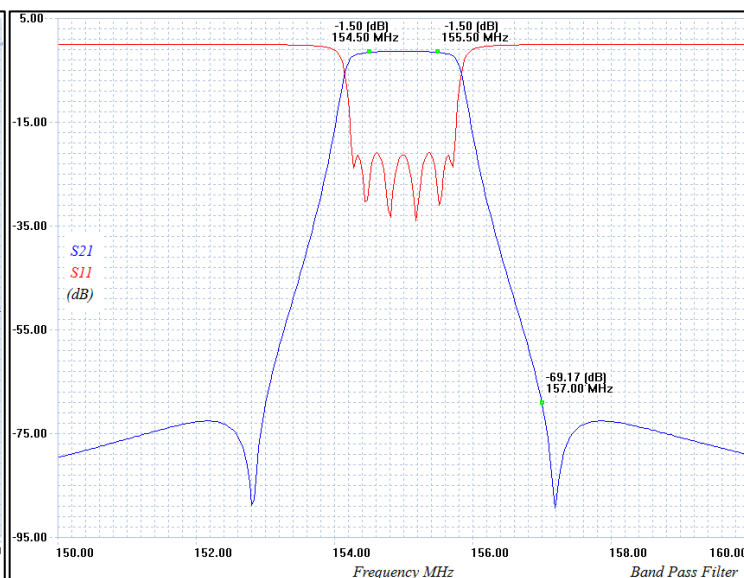
59-13-44 (Fits 3U 19" Rack)



59-13-46 (Fits in 6U 19" Rack)



59-13-44 Electrical Response



59-13-46 Electrical Response