

# Reactel, Incorporated

Reacting First to All Your Filter Needs.

## *Cavity GPS Bandpass Filter with DC Path*

### **8RX7-1411.5-X389N21**

This filter passes GPS L1 and L2 frequencies while rejecting extremely close-in Iridium and TACAN 123X signals. Utilizing a unique approach to achieve these specs, this filter exhibits low passband loss and a high level of unwanted signal attenuation all while offering a DC thru path via the center conductor of the RF connector pins. Reactel manufactures a wide variety of filters, multiplexers and multifunction assemblies; please contact us today with your requirements.



### *Specifications*

Center Frequency	1411.5 MHz
Passband	1217 – 1606 MHz, minimum
Insertion Loss	≤ 2.0 dB @ Passband
Attenuation	≥ 30 dB @ 1210 MHz ≥ 30 dB @ 1616 – 1626.5 MHz
DC Path	Yes
Connectors	Type N Male in / Type N Female out
Size	2.37" high x 1.75" wide x 17.0" long, nominal excluding connectors