

# Bandpass Filter for Positive Train Control

## 9BX6-219-X6N11

This bandpass filter covers the 216 – 222 MHz band used in Positive Train Control Systems. This high performance unit filters out unwanted signals and is designed specifically for PTC systems used by railroads. Handling up to 100 W CW, this rugged unit can withstand extremely harsh environments. Reactel manufactures many types of filters for PTC Systems; please call the factory for more details.



### Specifications

Center Frequency	219 MHz
Passband	216 – 222 MHz, minimum
Insertion Loss	≤ 0.7 dB @ Passband
Attenuation	≥ 70 dB @ DC – 108 MHz ≥ 70 dB @ 160 – 162 MHz
VSWR	≤ 1.35:1 @ Passband
Power	100 W CW
Connectors	SMA, Type N, or 7/16
Size	1.0" high x 2.0" wide x 6.5" long, nominal excluding connectors



**Reactel, Incorporated - Reacting First to Your Filter Requirements**

8031 Cessna Avenue • Gaithersburg, Maryland 20879

Phone: 301-519-3660 • Fax: 301-519-2447 • [reactel@reactel.com](mailto:reactel@reactel.com) • [www.reactel.com](http://www.reactel.com)

twitter: <http://twitter.com/reacteljim>

ISO 9001:2008 Accredited

Picture shown above may not be an actual representation of the unit described.