

Bandpass Filter for Positive Train Control

9BX6-161-X2N11

This bandpass filter covers the 160 – 162 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	161 MHz
Passband	160 – 162 MHz, minimum
Insertion Loss	≤ 0.9 dB @ Passband
Attenuation	≥ 70 dB @ DC – 108 MHz ≥ 70 dB @ 217 – 300 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

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