Vari-Notch Circuit 144-174 MHz - Model #: 28-37-02A

General Information
TX RX Systems Inc. manufactures a comprehensive line of duplexers with the critical specifications you require to operate a high performance system. Whether your application has a challenging T-R frequency spacing or requires broadband duplexered windows to implement a single antenna system, our Duplexers provide the transmitter and noise suppression characteristics you need while minimizing the loss to you carriers. Vari-Notch Duplexers offer the best cost-to-performance ratio for close-spaced applications. Series Notch ® Duplexers utilize a band-reject (notch circuit) design to optimize isolation specifications when necessary. Bandpass Duplexers can be used to combine transmitter combiners and Receiver Multicouplers to a common antenna. Our cavity and filter construction is second-to-none when it comes to the materials used and the processes to manufacture.

Specifications

Electrical
- Frequency Range: 144-174 MHz
- Minimum T-R Separation: 0.5 MHz
- Tx Insertion Loss: 1.5 dB
- Rx Insertion Loss: 1.5 dB
- Transmitter Noise Suppression: 85 dB
- Transmitter Carrier Suppression: 85 dB
- Between Channel Isolation: 50 dB
- Impedence: 50 Ohms
- VSWR: 1.3:1
- Power Rating: 400 W

Mechanical
- Temperature Range: -40°C to +80°C
- Connectors: TX and RX Ports: N, Antenna Port: N
- Height: 33"
- Width: 19"
- Depth: ± 7.5"
- Mechanical Mounting: 19" Rack Mount
- Weight: 50 lbs.

Downloads

Brochure
132-250 MHz Duplexer Brochure (2641Kb)

8625 Industrial Parkway, Angola, NY 14006
Phone: (800)866-TXRX Fax: (716)549-4772
©2003 TX RX Systems Inc. All Rights Reserved.
