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



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Model #: 28-37-02A

General Information

TX RX Systems Inc. manufacturers 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 duplexed 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 \(2641Kb\)](#)

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