

## ZDX1317-NF-HP

Rack mountable 4-cavity pass-reject duplexer  
VHF high band 136-174 MHz

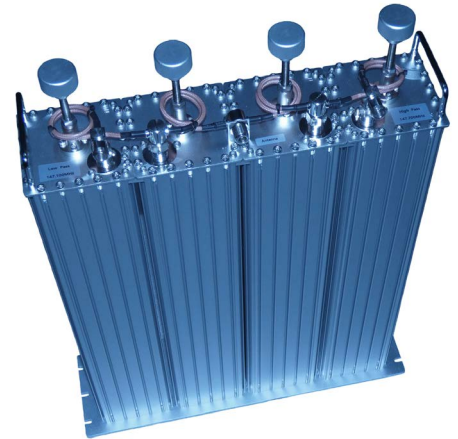


The ZDX1317-NF-HP 4 cavity pass-reject duplexer is designed for high power, close frequency separation installations.

The ZDX1317-NF-HP is designed for combining two frequencies or they can be as efficient pre-selectors.

For higher isolation requirements please consult ZCG for the configuration of a 6 cavity model.

Consult ZCG on your specific requirements if you cannot see a solution below.



### Electrical Specifications

Channel	Low Pass - Rx	High Pass - Tx
Frequency range	136-174 MHz - specify frequency per channel	
Rx-Tx Min. Separation	500 kHz	
Cavity quantity	4 - Rx 2 cavity & Tx 2 cavity	
Cavity shape	Square	
VSWR	≤1.3:1	
Impedance	50 Ohm - nominal	
Insertion loss	≤2 dB @ 0.6 MHz spacing	≤1.5 dB @ 5 MHz spacing
Rx-Tx Isolation	≥75 dB @ 0.6 MHz spacing	≥ 90dB @ 5 MHz spacing
Maximum input power	350 Watts - CW	

### Mechanical Specifications

Inner Conductor	Silver plated copper
Termination	N-type female
Dimensions	Width: 418mm x Height: 660mm x Depth: 110mm
Weight	11.75kg
Operating temperature	-40°C to +65°C



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Typical response curve at 0.6MHz spacing as below:

