ZDX136470 Series

VHF & UHF 3-port Duplexer / Diplexer
VHF 136-174MHz & UHF 400-470MHz

New Product

Build To Order

RoHS COMPLIANT

The ZDX136470 series of VHF & UHF duplexer/diplexer has an input/output for both transmitter and receiver and a single port for the external antenna. Suitable for emergency services, transport companies, mining, security, military or usage where dual band communications is required.

Antennas, coaxial cable, adaptors and other installation accessories are available separately.

Order code	ZDX136470NF - N-type female terminated	ZDX136470SF - SMA female terminated
Construction	Black powdercoated body and chrome plated terminations with silver centre conductors	
Frequency range	VHF 136-174MHz and UHF 400-470MHz	
Bandwidth	Full frequency ranges stated	
Insertion loss	Typical 0.8dB - maximum, Ripple <0.5	Typical 1 dB - maximum
Isolation	Typical 70dB - minimum	
Maximum power	100 Watts per input	5 Watts per input
VSWR	≤1.45:1 - maximum	≤1.5:1 - maximum
Impedance	50 Ohms	
Connector	Input & Output: N-type female	Input & Output: SMA female
Operating temperature	-40°C to +70°C	
Dimensions	Width: 115mm, Height: 95mm, Depth: 25mm	Width: 50mm, Height: 44mm, Depth: 22mm
Weight	3.0kg	0.2kg







N-type female terminations with silver plated centre conductors

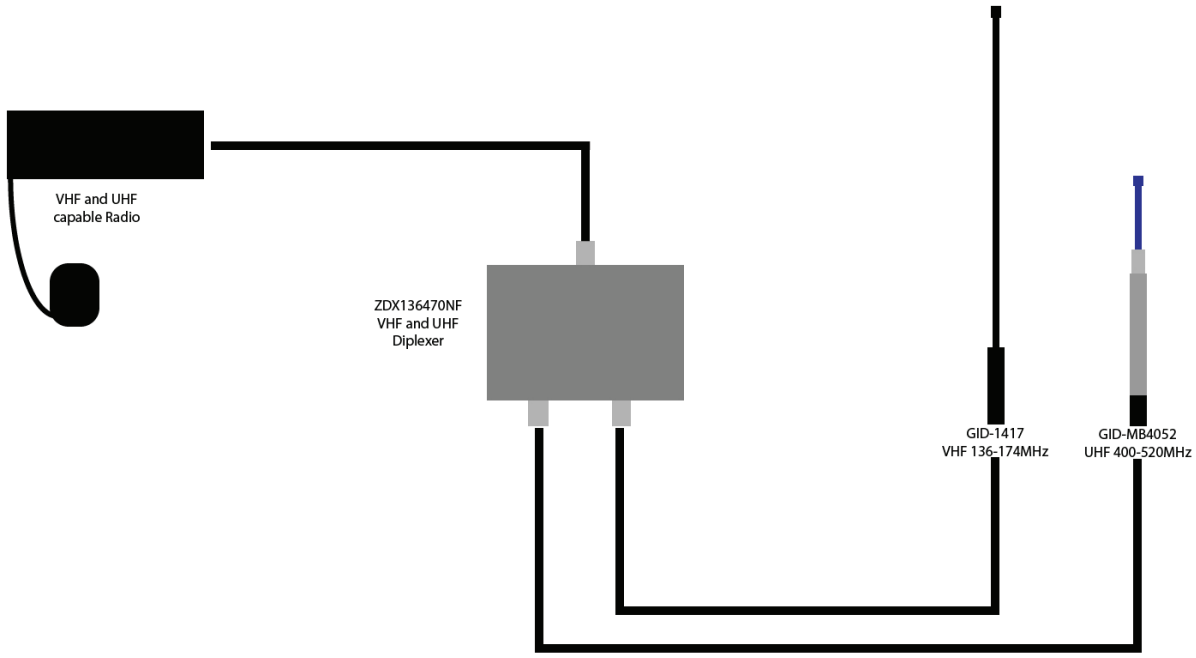
New Product

ZDX136470 Series

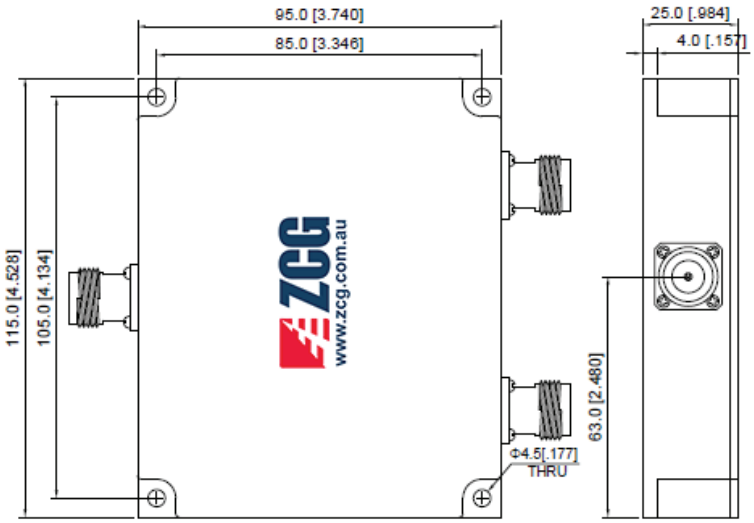
VHF & UHF 3-port Duplexer / Diplexer
VHF 136-174MHz & UHF 400-470MHz

Build To Order

Example configuration of system

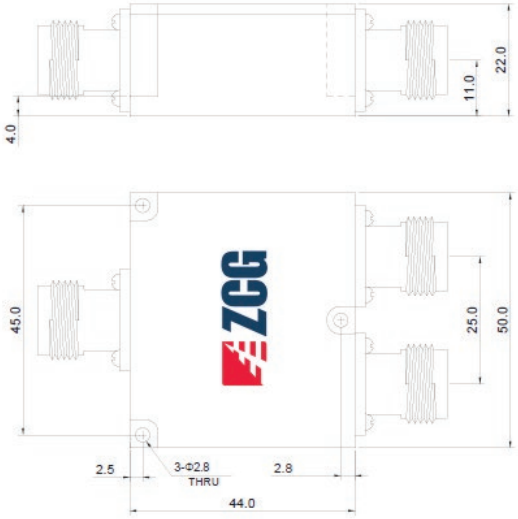


Dimensions of ZDX136470NF



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.

Dimensions of ZDX136470SF



Tolerances: ±2% unless otherwise stated