# Cavity Duplexer

## WVC-156D168-1M01

## Product Feature

- High Reliability
- RoHS Compliant
- 156MHz~168MHz Band System

## Electrical Specifications

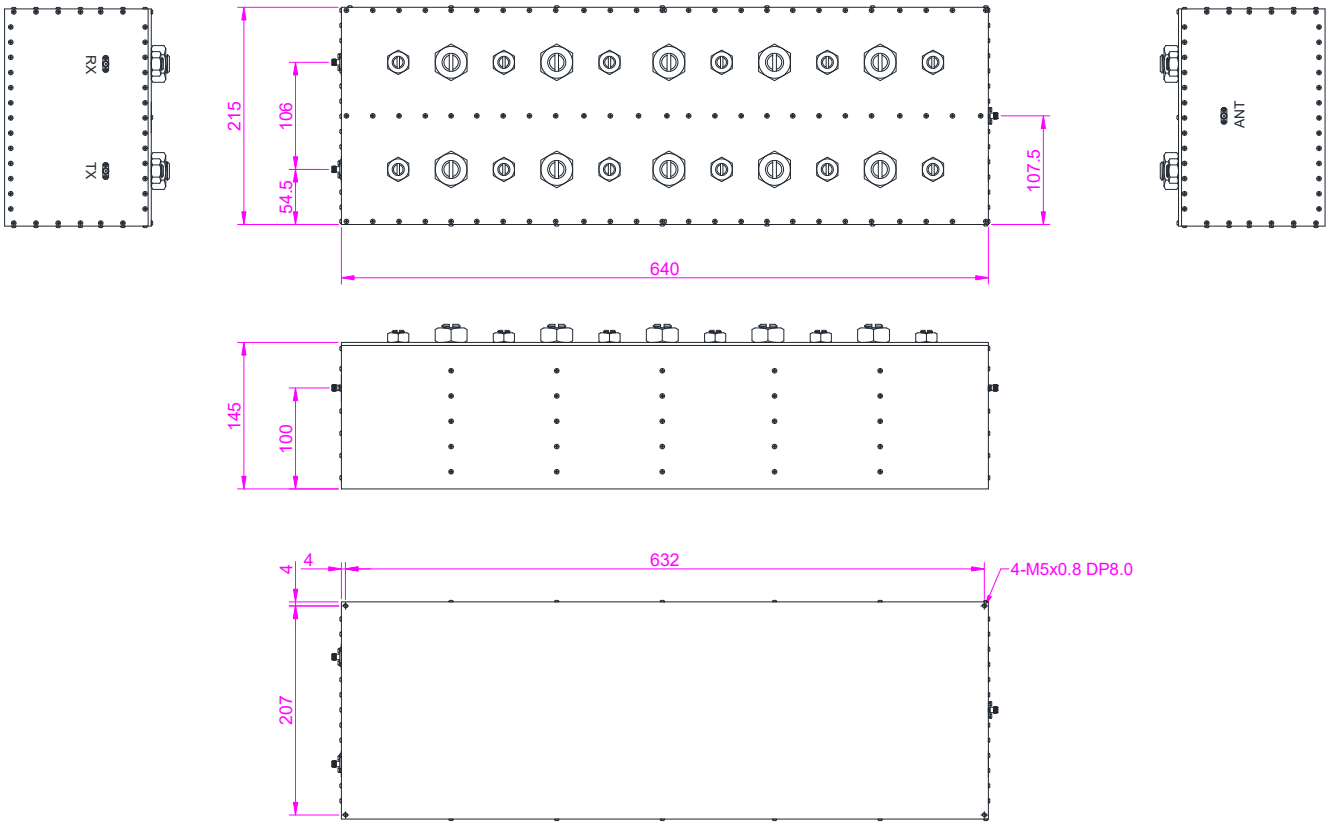
| | |
|---|---|
| **Frequency Range** | 156MHz ~ 168MHz |
| **Pass Bandwidth** | 1MHz |
| **Tx-Rx Seperation** | 3.6MHz |
| **InsertionLoss @ Pass Bandwidth** | 2.0dB Max |
| **Return Loss @ Pass Bandwidth** | 18dB Min |
| **Tx/Rx Isolation 1** | 80dB Min measured between Tx and Rx Ports with Antenna port terminated |
| **Tx/Rx Isolation 2** | 80dB Min rejection of other band when measured between Tx and Ant ports, or RX and Ant ports |
| **Average Power** | 10W CW Max |
| **In/Out Impedance** | 50 Ohms Nominal |

## Environmental Specifications

| | |
|---|---|
| **Operating Temperature** | -30°C to +60°C |

## Mechanical Specifications

| | |
|---|---|
| **Dimension** | 640.0 x 215.0 x 145.0 (Unit:mm) |
| **Mounting Points** | See Outline Drawing |
| **RF Connector** | All Ports : SMA Female Connector |
| **Connector Position** | See Outline Drawing |
| **Finish** | Black Color Epoxy Coating |

# Cavity Duplexer

## Outline Drawing