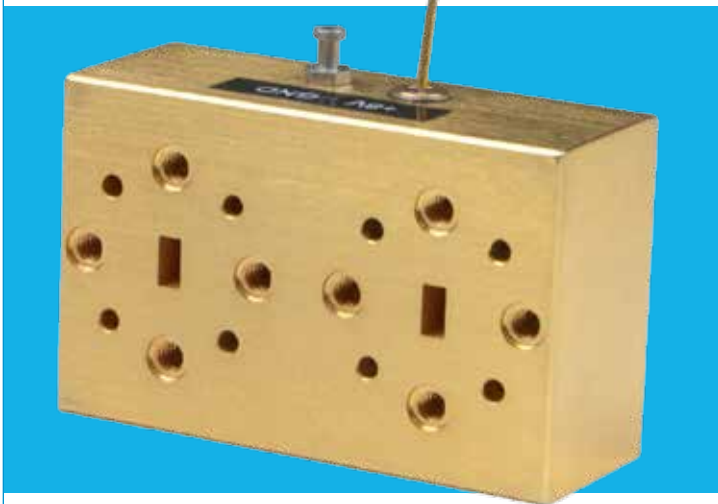


# Full Waveguide V-Band Power Amplifier AFB-V30HP-0X



The AFB series power amplifiers are constructed with MMIC PHEMT devices and provide state-of-the-art broadband performances.

## Application

- Telecommunication
- Test instrumentation
- Lab equipment

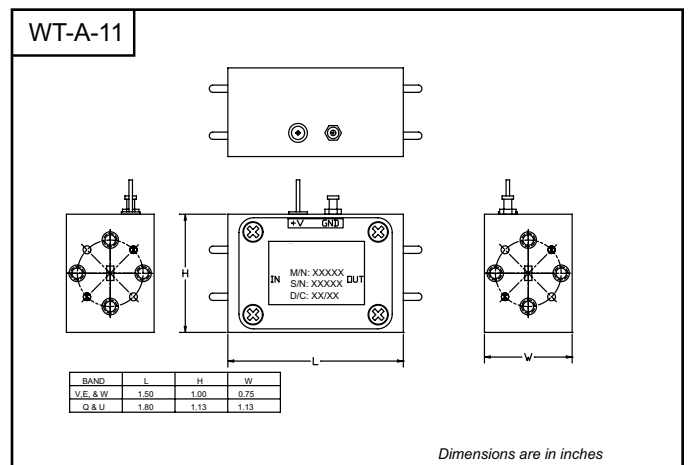
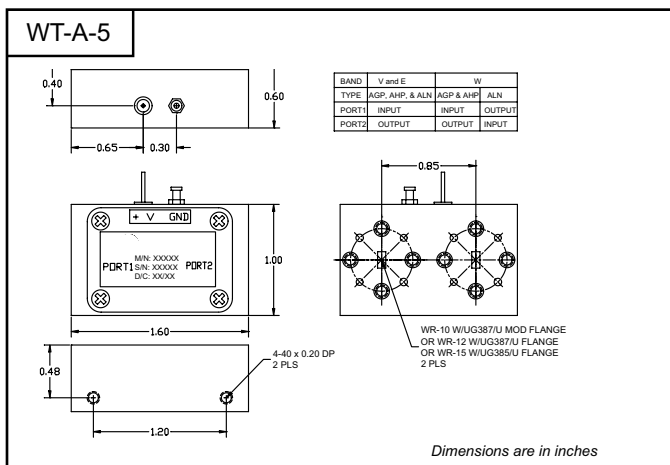
## Specifications

- Frequency: 50.0 - 75.0 GHz
- Gain: 30 dB nominal
- Gain flatness: +/- 3.0 dB
- Power P1: 15.0 dBm (typ) / 12.0 dBm (min)
- I/O VSWR: 2.0:1 (typ)
- DC bias: 8-12 V / 200 mA nominal
- I/O connectors: WR-15 with UG385/U flange
- Operating temperature: -40°C to +50°C

## Features

- Super broadband performance with gain choice
- Offering high power suitable for LO across the entire V-band
- Single DC power supply/internal regulated sequential biasing
- Compact and light
- I/O interface options

## Outline Drawings



All specifications are subject to change without notice.

For more information, contact our sales team at 310.513.7000 or [rfsales@ducommun.com](mailto:rfsales@ducommun.com)