

# Full Waveguide E-Band Power Amplifier AFB-E20HP-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

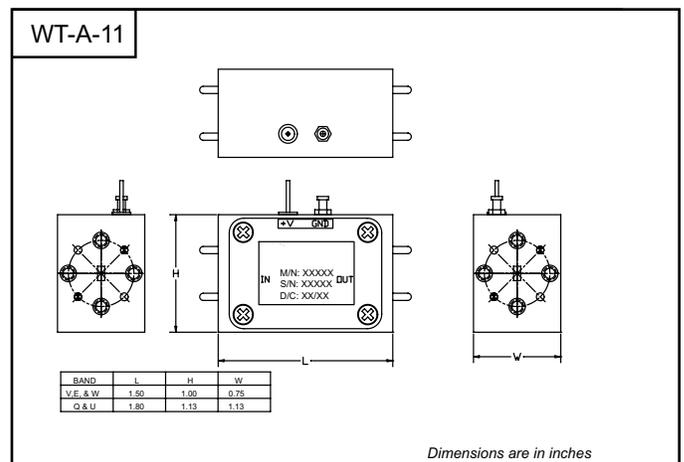
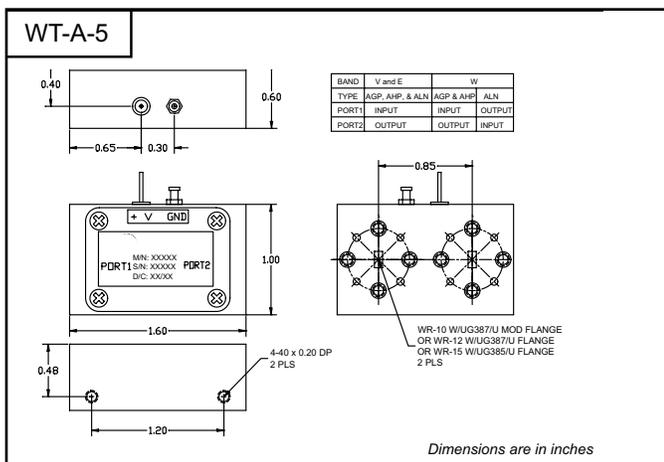
## Specifications

- Frequency: 60.0 - 90.0 GHz
- Gain: 20 dB nominal
- Power P1: 14.0 dBm (typ) / 12.0 dBm (min)
- I/O VSWR: 3.0:1 (typ)
- DC bias: 8-12 V / 250 mA nominal
- I/O connectors: WR-12 with UG387/U flange
- Operating temperature: -40°C to +50°C

## Features

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

## Outline Drawings



All specifications are subject to change without notice.

For more information, contact our sales team at 310.513.7200 or [rfsales@ducommun.com](mailto:rfsales@ducommun.com)