

Full Waveguide Ku & K Band General Purpose Amplifier AFB-KUK30GP-01



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

Application

- Telecommunication
- Test instrumentation and lab equipment
- Transceiver sub-assemblies

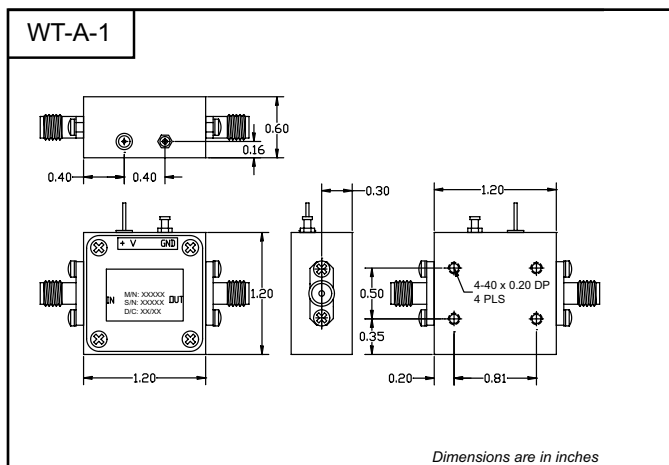
Specifications

- Frequency: 12.4 - 26.5 GHz
- Gain: 30 dB nominal
- Gain flatness: +/- 2 dB
- P1 dB: 20 dBm (min)
- Noise figure: 3.0 dB (typ) / 4.5 dB (max)
- I/O VSWR: 2.0:1 (typ)
- DC bias: 8-12 V / 500 mA nominal
- I/O connectors: SMA(F)
- Operating temperature: -40°C to +50°C

Features

- Super broadband performance with gain choice
- Cover Ku & K band and beyond
- Offering both medium power and low noise
- Single DC power supply/internal regulated sequential biasing
- Compact size and light weight

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