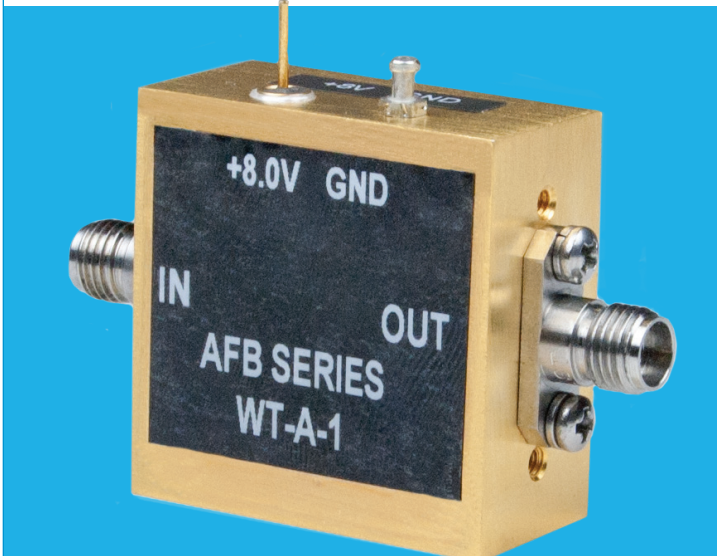


Full Waveguide K- & Ka-Band General Purpose Amplifier AFB-KKA30GP-01



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 subassemblies

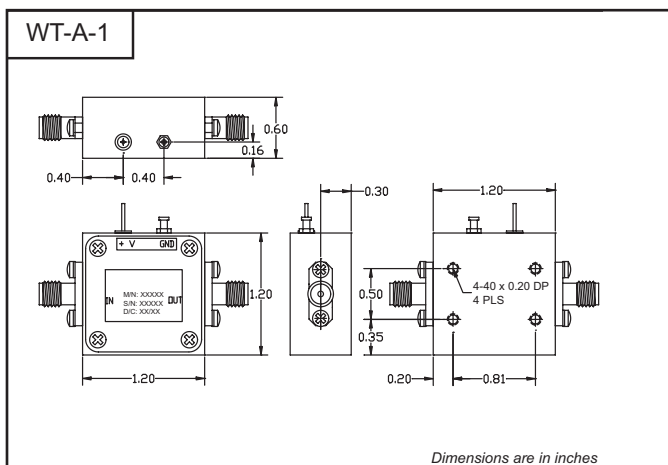
Specifications

- Frequency: 18.0 - 40.0 GHz
- Gain: 30 dB (typ)
- Gain flatness: +/- 2 dB
- P1 dB: 20 dBm (min)
- Noise figure: 4.0 dB (typ) / 6.0 dB (max)
- I/O VSWR: 2.0:1 (typ)
- DC bias: 8 - 12 V / 350 mA (typ)
- I/O connectors: K(F)
- Operating temperature: -40°C to +50°C

Features

- Super broadband performance with gain choice
- Cover K- and Ka-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