

10 – 16GHz 20 dBm Amplifier

FEATURES

- P₁dB: 20 dBm
- Noise Figure: 5 dB
- Small Signal Gain: 32 dB (min.)
- Bias Condition: 500 mA @ 12 V

ELECTRICAL SPECIFICATIONS at 25 °C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	10		16	GHz
SSG	Small Signal Gain	32			dB
GOF	Small Signal Gain Flatness			1.0	dB
GOT	Gain Over Temperature			±2.0	dB
P₁ dB	Output Power at 1dB Gain Compression	20			dBm
NF	Noise Figure			5	dB
VSWR, In	Input VSWR		1.5:1		-----
VSWR, Out	Output VSWR		1.5:1		-----
VDC	DC Supply Voltage		+12		Volt
IDC	Current Supply			500	mA
OTR	Operating Temperature Range	-30		70	°C

CASE: HH5

Connector: SMA Female