

6 – 18GHz 20 dBm Amplifier

FEATURES

- P₋₁ dB: 20 dBm (min.)
- Noise Figure: 4.5 dB (max.)
- Small Signal Gain: 28 dB
- Bias Condition: 0.49A @ 12V

ELECTRICAL SPECIFICATIONS at 25 ° C

Symbol	Description	Min.	Typ.	Max.	Unit
FREQ	Frequency Range	6		18	GHz
SSG	Small Signal Gain	28	30		dB
GOF	Small Signal Gain Flatness			±2.0	dB
NF	Noise Figure		3.5	4.5	dB
P1 dB	Output Power at 1 dB Gain Compression	20	21		dBm
Pin	Input Power			20	dBm
VSWR, IN	Input VSWR		1.9:1	2:1	-----
VSWR, OUT	Output VSWR		1.9:1	2:1	-----
VDC	DC Supply Voltage (with built-in regulator)		12		Volt
IDC	Current Supply			0.49	A
OTR	Operating Temperature Range	-40		70	

CASE: HO7