

Broadband Amplifier Module

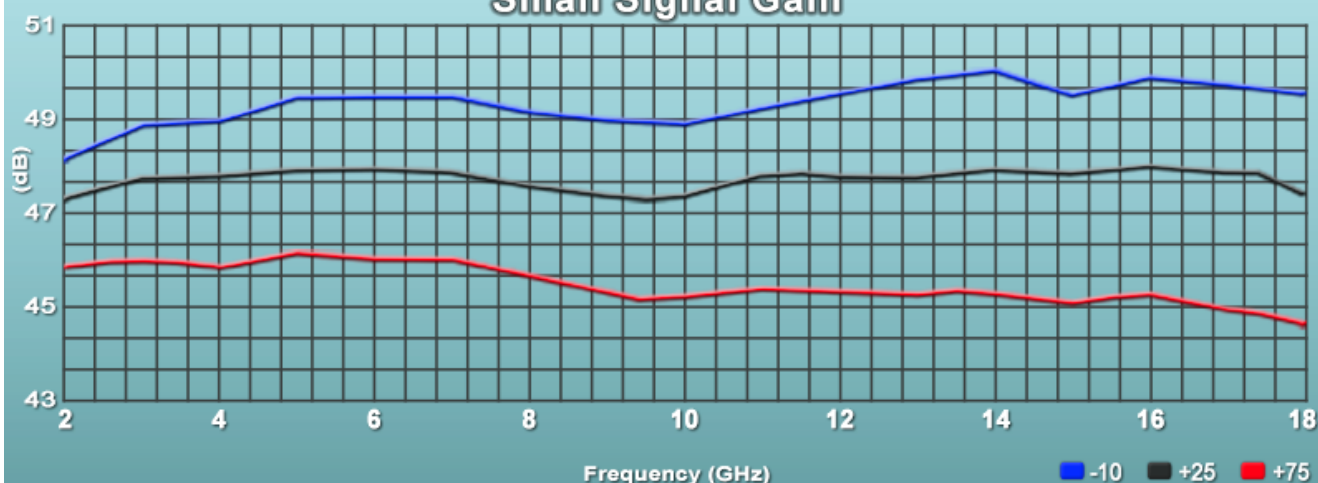
GaAs Solid State Amplifier 2.0 - 18 GHz



Available Features

- 20dB, 30dB, 40dB Gain Blocks
- Regulated Voltage Supply
- -10°C to +75°C Operating Temperature
- Standard 72 hr pre ship burn in

Small Signal Gain



APS10-0122

Parameter	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency	2	-	6	6	-	12	12	-	18	2	-	18	GHz
Gain	47.4		48.0	47.3		48.0	47.3		48.0	47.3		48.0	dB
Gain Δ		0.6			0.7			0.7			0.7		dB
Gain Δ Over Temp		3.4			4.1			5.1			5.1		dB/C
Noise Figure			3.0			2.6			3.4			3.4	dB
Input Return Loss			11.5			19.7			23.7			11.5	dB
Output Return Loss			12.0			22.6			13.7			12.0	dB
P-1dB	14.3		14.9	13.2		14.3	11.0		13.3	11.0		14.9	dBm
Power Supply IT		260			260			260			260		mA



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