

Rack-Mounted  
**12-Channel Amplifier System**

**ZT-285**

50Ω 500-2500 MHz



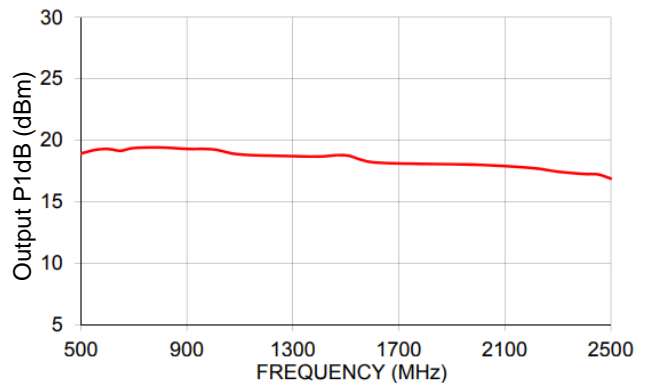
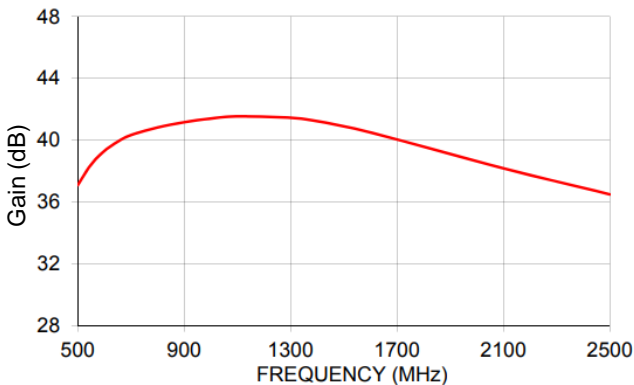
**Product Overview**

ZT-285 is a 12-channel amplifier system, supplied in a 2U height, 19" rack-mount chassis with a single AC mains power supply connection and SMA input / output connectors on the front and rear panels. Each independent amplifier channel operates over 500-2500 MHz, ideal for L-band satellite communications and telecommunications applications, achieving high gain and high directivity across the band.

**Electrical Specifications at 25°C, per Amplifier**

GAIN over frequency in GHz Typ (dB)						MAXIMUM POWER Output (1 dB Comp.) Typ. $f_L$ $f_U$	DYNAMIC RANGE			VSWR (:1) Typ.		ACTIVE DIRECTIVITY (dB) Isolation-Gain Typ.	
0.5	1.0	1.5	2.0	2.5	Min.at 2 GHz		NF (dB) Typ.	IP3 (dBm) Typ.	1GHz	1GHz	2GHz		1.5-2.5 GHz In
37	41.5	41	39	37	33	19	17	2.9	24	26	1.3	1.5	24

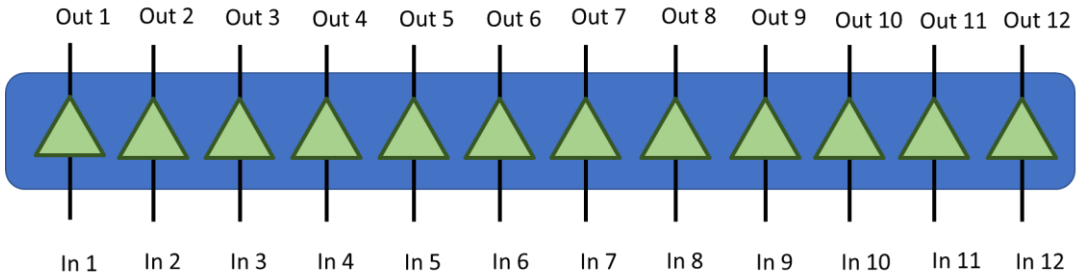
Input Power (no damage) -15dBm



Please contact [testsolutions@minicircuits.com](mailto:testsolutions@minicircuits.com) for support



**Functional Block Diagram**



**Mechanical Drawing**

