

GMA2000 Mini Drop Amplifier

GMA2000 is a bi-directional mini size indoor drop amplifier supporting multi TV sets and cable modems via home coaxial cables. The built-in diplexer design reduces effectively the potential invading noises from home TV outlets. GMA2000 supports the return RF signal burst mode transmission, i.e., the return path is shut down when there is no return cable modem signal and the return path has 10dB gain when a return signal is detected.

Features:

- Mini indoor Size
- Up to 1GHz, Bi-directional
- Burst Mode Return Path 10dB Gain
- Built-in Diplexer

Specifications:

Item	GMA2000-42/54	
Impedance	75 ohm	
Band	Return Path	Forward Path
Frequency Range	5 - 42MHz	54 -1000MHz
Frequency Flatness	±0.5dB	±0.75dB
Gain	10dB	
Return Loss	16dB (typ)	16dB (54~1000MHz)
Mutual Isolation	>30dB	
Burst Mode On/Off Time	<100nS	
Supply Voltage	DC 12V Meeting UL	
Current Dissipation	<300mA (typ)	
Dimensions		
Net Weight	150g (not including external power adapter)	

Ordering Information:

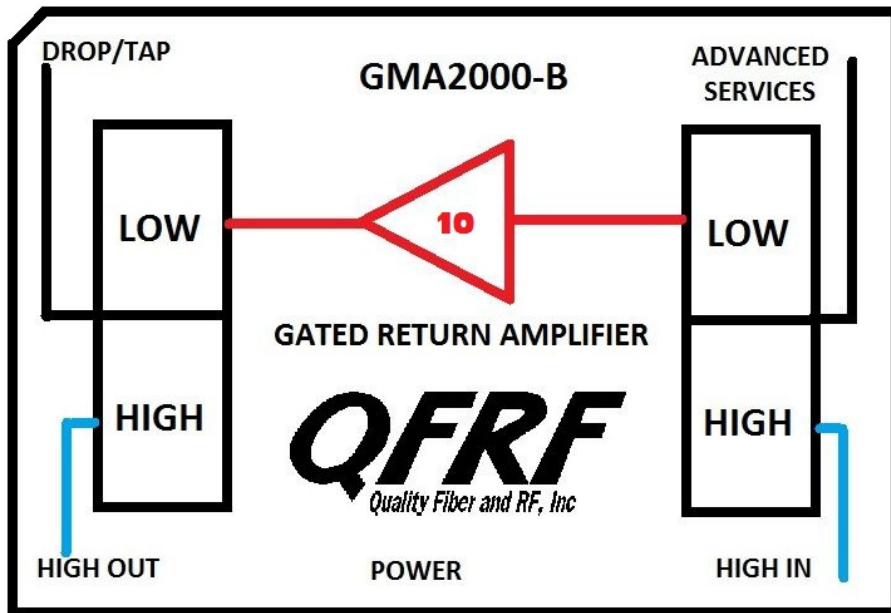
GMA2000-B Burst Mode Return Path 10dB Gain Mini Drop Amplifier

F (forward path gain) R (return path gain)

A (gain in dB): 0_0dB, 10_10dB

B (band split): 42/54_5~42MHz/54~1000MHz

65/87_5~65MHz/87~1000MHz



Large Home wiring configuration with a return amp location that will keep voice service active during a power outage. VoIP and D3 Cable Modem and 8 Digital Set tops or TV locations

