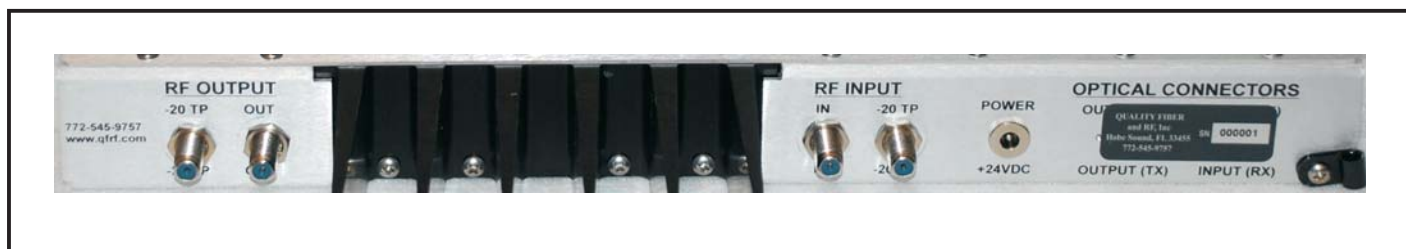
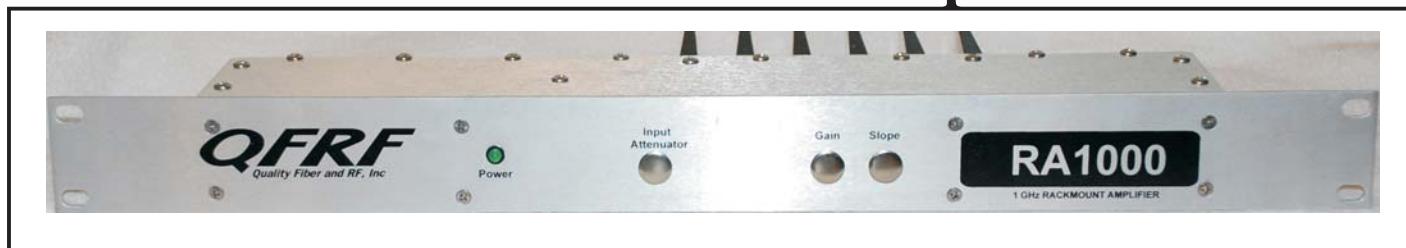


RA1000

RACKMOUNT AMPLIFIER 1000 1 GHz Cable TV Amplifier



RA1000 / 870	Power Doubled GaAs
Bandwidth (MHz)	1 GHz/ 870 MHz
Freq. Response (dB)	± 0.5
Channel Loading	79 Analog + 200 MHz Digital
Gain Cont. Range	10dB
Slope Cont. Range	18dB
Input Noise Figure	3.5dB Typical
Output Levels	+43 dBmV Flat
Distortions:	
Comp. Tr. Bt. (-dB)	68
Comp. 2nd Ord. (-dB)	68
Carrier to Noise (dB)	64.5/58.5 (34/40dB Gain)
Return Loss (dB) worst case	15
DC Amperes @ 24 VDC	.67
Power Dissipation (Watts)*	27

**** Features ****

- Wallmount Switching Power Supply
- Ultra Low Noise Figure
- Slope and Gain Controls
- +43dBmV Typical RF Output
- Low Distortion GaAs Technology
- New GaN Technology Available!
- Directional Coupler Testpoints

ORDERING INFORMATION:

RA 1000 - 34
1 2

- 1 = Frequency Range:
870 = 870 MHz GaAs Power Doubled
1000 = 1 GHz GaAs Power Doubled
- 2 = Gain:
34 = 34 dB Gain
40 = 40 dB Gain