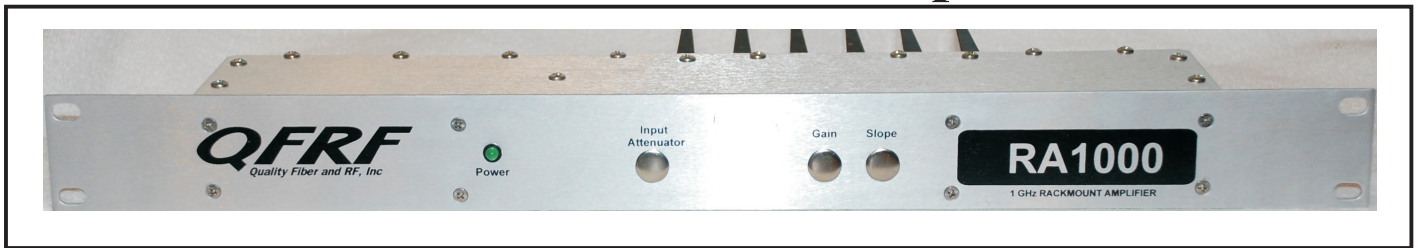


RA1000HP

HIGH OUTPUT RACKMOUNT 1 GHz Cable TV Amplifier



RA1000HP	Power Doubled GaN
Bandwidth (MHz)	1 GHz
Freq. Response (dB)	± 0.25
Channel Loading	79 Analog + 450 MHz Digital
Gain Cont. Range	20dB
Slope Cont. Range	18dB
Input Noise Figure	3.5dB Typical
Output Levels	+48 dBmV TILTED*
CIN	66
Comp. Tr. Bt. (-dB)	79
Comp. 2nd Ord. (-dB)	72
Carrier to Noise (dB)	65
Return Loss (dB) worst case	15
DC Amperes @ 24 VDC	.68
Power Dissipation (Watts)*	19

** Features **

- Wallmount Switching Power Supply
- Ultra Low Noise Figure
- Slope and Gain Controls
- +48dBmV Typical RF Output
- Ultra-Low Distortion and Noise!
- Newest GaN Technology!
- Directional Coupler Testpoints

ORDERING INFORMATION:

RA 1000HP-38

1 2

1 = Frequency Range:

1000=1 GHz GaN Power Doubled

1200=1.2 GHz GaN Power Doubled

2 = Gain:

38 = 38 dB Gain

*79 CHAN TILTED + 75 DIGITAL(-6dB)