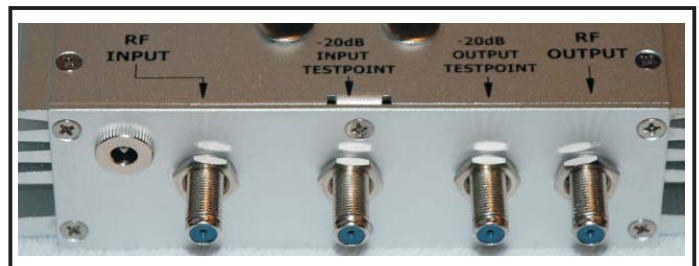


DA1000

1 Ghz Distribution Amplifier

** Features **

- Wallmount AC Switching Supply
- Accurate Directional Coupler Testpoints
- Slope and Gain Controls
- +48dBmV Typical RF Output
- Return Amplifier Options
- Input EQ and Attenuator
- Low Noise GaAs Technology
- Field Upgradable to
DOCSIS 3.0 85/108 Split



DA1000	Power Doubled GaAs
Bandwidth (MHz)	1 GHz
Freq. Response (dB)	± 0.5
Channel Loading	79 Analog + 200 MHz Digital
Gain Cont. Range	20dB
Slope Cont. Range	18dB
Input Noise Figure	<5.0 dB
Output Levels	48 dBmV tilted
Distortions:	
Comp. Tr. Bt. (-dB)	82
Comp. 2nd Ord. (-dB)	77
Return Gain (dB)	21
Return Loss (dB) worst case	15
DC Amperes @ 24 VDC	.67
Power Dissipation (Watts)*	20

ORDERING INFORMATION:

DA 1000 - 40 - 2W

- 1 = Frequency Range:
1000=1 GHz GaAs Power Doubled
- 2 = Gain:
34= 34dB Gain
40= 40dB Gain
- 3 = Return:
2W= 2-Way Active
1W= Forward Only