

1 GHz AMPLIFIER

■ MODEL HDA-1000

GREAT FOR DIGITAL APPLICATIONS



MODEL HDA-1000

■ FEATURES

- Low Distortion, High Channel Capacity
- Bi-Directional (Passive Return)
- 34 dB Gain
- Wide Frequency Range (54-1000 MHz)
- Push-Pull, SMD Circuitry
- High Output

▼ CUSTOMER NOTES:

HDA-1000 : 1 GHz BI-DIRECTIONAL AMPLIFIER

The **HDA-1000** is a unique amplifier combining the features of our push-pull, high output designs with an extended 1,000 MHz range; making this amplifier applicable to CATV, off-air, wireless and RF data distribution. The "SMD" surface mount design insures reliability and performance at the highest frequencies.

Separate gain and slope controls and a passive return path make this amp ideal for large homes and MDU's.

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SPECIFICATIONS

FORWARD PATH		HDA-1000
Frequency		54 - 1000 MHz
Gain		34 dB
Gain Adjust Range		15 dB
Maximum Input (135 Ch.)		5 dBmV
Maximum Output (135 Ch.)		39 dBmV
Flatness		54 - 750 MHz ± 1 dB 750 - 1000 MHz ± 1.5 dB
Noise Figure		6 dB
Cross Modulation (XMOD)		-65 dB (77 Ch.)
Composite Second Order (CSO)		-65 dB (77 Ch.)
Composite Triple Beat (CTB)		-70 dB (77 Ch.)
RETURN PATH		
Frequency		5 - 42 MHz
Gain		Passive (-2.5 dB)
GENERAL		
Power Requirements		117VAC, 60 Hz, 6 W
Operating Temperature		-10° to 55° Celsius
Dimensions		8" x 3.375" x 2"
Weight		3 lbs.

NOTE: All specifications typical unless otherwise noted