

1 GHz FORWARD DROP AMPLIFIERS

1 GHz BROADBAND DROP AMPLIFIERS FOR HOUSE AND APARTMENT USE

Features:

- Ideal for long cable drops or multiple subscriber TV sets. 5 MHz to 1 GHz bandwidth and low noise figure.
- Gain of 10 dB or 20 dB available with 1 dB flatness across entire bandwidth.
- Both the amplifier and power transformer connectors are "F" type, allowing the use of coaxial cable readily available.
- Comes with 120 VAC plug-in transformer (220 VAC option).
- Solder back housing for -130dB RFI Shielding.



AM1G-10 & AM1G-20

Specifications:

Model No.	AM1G-10	AM1G-20
NO. OF OUTPUT:	ONE	ONE
Bandwidth (MHz)	50-1000	50-1000
Gain (dB)	10 \pm 1	20 \pm 1
Flatness Passband (dB)	+1	+1
Return Loss (dB) Min.	14	14
Noise Figure (dB)	7	7
RFI Shielding (dB)	130	130
DIST. X-Mod. (dBmV)	-70	-70
CTB (dBmV)	-65	-65
Max. Output (dBmV)	+25	+30
Power Consumption:	150 mA	12 VDC
Channel Capacity:	151	151

* Each unit includes transformer (PS-3) 120 VAC/6W 12 VDC/150 mA

Optional: (PS-32) 220 VAC 50 Hz Transformer - 2 VDC/150 mA. * Specify when ordering.

1 GHz 2-WAY DROP AMPLIFIERS

10 dB or 20 dB GAIN FORWARD AND REVERSE DROP AMPLIFIERS

Features:

- Ideal for long cable drops or multiple subscriber TV sets. 5 MHz to 1 GHz bandwidth and low noise figure.
- Gain of 10 dB or 20 dB available with 1 dB flatness across entire bandwidth.
- Available in forward and return path type (AM1G-102 and AM1G-202) with power passive return path.
- Both the amplifier and power transformer connectors are "F" type, allowing the use of coaxial cable readily available.
- Comes with 120 VAC plug-in transformer (220 VAC option).
- Solder back housing for -130dB RFI Shielding.



AM1G-102 - 10 dB Gain
AM1G-202 - 20 dB Gain



POWER INSERTER
PS-3 - 120 VAC ADAPTOR
PS-32 - 220 VAC ADAPTOR

Specifications:

Model No.	AM1G-102	AM1G-202
NO. OF OUTPUT:	ONE (2-WAY)	ONE (2-WAY)
Bandwidth (MHz)		
Forward	50-1000	50-1000
Reverse	5-40	5-40
Gain Forward (dB)	10 \pm 1	20 \pm 1
Gain Reverse (dB)	-0.6	-0.6
Flatness Passband (dB)	\pm 1	\pm 1
Return Loss (dB) Min.	14	14
Noise Figure (dB)	7	7
RFI Shielding (dB)	130	130
DIST. X-Mod. (dBmV)	-70	-70
CTB (dBmV)	-65	-65
Max. Output (dBmV)	+25	+30
Channel Capacity:	151	151
Power Consumption:	170 mA	120 VAC

* Each unit includes transformer (PS-3) 120 VAC/6W - 12 VDC/150 mA

Optional: (PS-32) 220 VAC 50 Hz Transformer - 12 VDC/150 mA.

* Specify when ordering.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE