

# MINI DROP AMPLIFIER



## Features

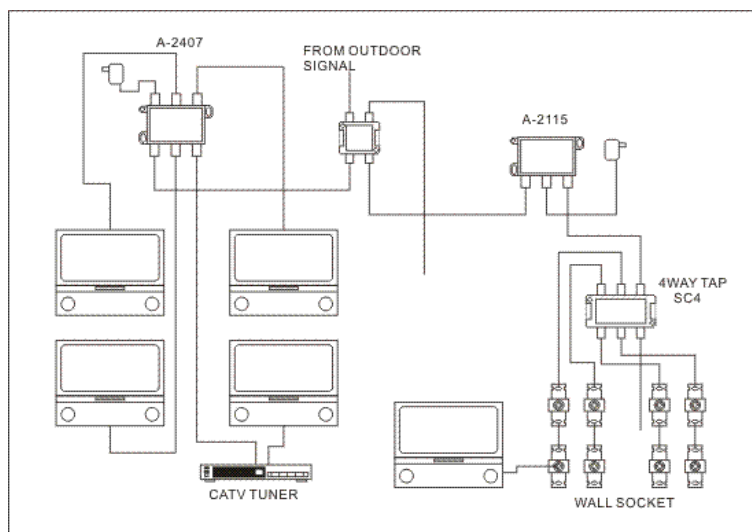
- 1GHz Bandwidth
- Bi-Directional
- Optional Reverse band
- Excellent Flatness
- High RFI Shielding
- 6KV Protection
- Mini Die-Casting Case

The A-2000 series drop amplifiers are perfectly designed for the current multimedia CATV system. The A-2000 series can forward gain either 10dB or 20dB with the superior flatness.

The reverse band of the A-2000 series fits the signals of the two-way communication for phone, fax, cable modems as well as the interactive services from customers.

The soldered-back case provides high RFI shielding, guaranteeing clean signals without interference and keeping out unwanted noise.

These units are powered by either the DC port or the RF output port using a Power Inserter (Optional).



Specifications	A-2222(*)	A-2212(*)	A-2211(*)	A-2020(*)	A-2010(*)	A-2001(*)
<b>Forward Path (MHz)</b>	54-1G(A) / 70-1G(M) / 85-1G(T)					
Typical Gain	20dB	20dB	10dB	20dB	10dB	-1dB
Return Loss	18dB					
Noise Figure	5dB typ.	5dB typ.	4dB typ.	4dB typ.	4dB typ.	--
Rated Output Level	14dBmV	14dBmV	23dBmV	14dBmV	23dBmV	--
<b>Return Path (MHz)</b>	5-42(A) / 5-55(M) / 5-65(T)					
Typical Gain/Loss	20dB	10dB	10dB	-1dB	-1dB	10dB
Return Loss	18dB					
Noise Figure	5dB typ.	5dB typ.	5dB typ.	--	--	5dB typ.
Rated Output Level	50dBmV	60dBmV	60dBmV	--	--	60dBmV
<b>General</b>						
Nominal Impedance	75ohm					
RFI Shielding	110dB					
Supply Voltage	DC12V					
Total Power Consumption	< 10W				< 5W	
Dimensions	80(W) x 55(D) x 23(H) mm					
Net Weight	110g					