

FET Amplifier

AS1212 / AS 2222 / AS 3333 / AS 4444



Sharp Vision AS 1212 / AS 2222 / AS 3333 / AS 4444 FET Amplifiers are used as Line Extender / Branch Amplifier depending on Cable System's requirements. These FET Amplifiers incorporate the recent innovation of FET which makes the Amplifiers ULTRA Low Noise and more than a Hybrid. Ultra Low Noise is the most important feature of an amplifier for getting picture clarity upto subscriber end.

FET Amplifiers are more suitable than Hybrid Amplifiers when RG59/RG6/RG10 cables are incorporated, due to its features of high gain and high slope.



Features:

- More than an Hybrid
- Flat Frequency Response
- FET Stages for Ultra Low Noise
- 23 dB Linear Slope
- High gain of 43 dB Gain
- 30 dB Gain Optional
- Voltage Selection LED for Easy Selection
- Aluminium Housing for Longer Life
- Mains Cum Power Pass

Specifications:

- Gain : 43dB (30dB Optional)
- Adjustable Gain : 0 ~ 20dB
- Output Level : 98dB μ V
- Slope Control : 23dB Variable
- Flatness : \pm 0.75dB
- Mains Voltage : 220VAC \pm 10%, 50Hz
- Power Pass : 30/40/50/60 VAC

Models:

- AS 1212 : Freq. 40 ~ 860 MHz (106 Ch Loading Capacity)
- AS 2222 : Freq. 40 ~ 750 MHz (93 Ch Loading Capacity)
- AS 3333 : Freq. 40 ~ 550 MHz (67 Ch Loading Capacity)
- AS 4444 : Freq. 40 ~ 450 MHz (55 Ch Loading Capacity)



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website: www.sharpvisiononline.in

Email: sales@sharpvisiononline.in / analogsystems@vsnl.net

Comparison Chart of
Cheap Hybrid Amplifiers & FET Amplifiers
for Branch Lines



Cheap Hybrid Amplifiers	FET Amplifiers
1. Hybrid Amplifier	1. More than a Hybrid Amplifier, incorporates FET for better C/N
2. 860MHz Available	2. 750MHz (860MHz is under development)
3. Gain 30dB	3. Gain 43dB – Branch Line can be maintained with less no. of amplifiers
4. Slope 20dB	4. Slope 23dB, so more suitable for RG6 / branch lines, where losses of higher frequency channels are high
5. MS Housing	5. Aluminium Housing
6. Power Consumption 6W approx	6. Power Consumption is 3W approx. More no. of amplifiers can be installed with the same power supply.



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