

# Hybrid Amplifier

AS 1111 / AS 9191 / AS 8181



Sharp Vision AS 1111 / AS 9191 / AS 8181 are hybrid amplifiers used in Trunk and branch lines specially designed to serve the needs of cable systems. They incorporate Good Quality Hybrid IC Module to obtain better features.

## Features:

- Powder Coated Housing
- High Voltage Surge Protection
- Good Level Flatness
- 30dB Gain (40dB Optional)
- Separate IN & OUT Fuses
- Dual RF Output
- Economical in Price
- PP Voltage Selection LED



## Specifications:

- Gain : 30dB (40dB Optional)
- Adjustable Gain : 0~20dB
- Output Level : 100dB $\mu$ V
- Slope Control : 20dB Variable
- Flatness :  $\pm 0.75$ dB
- Return Loss :  $> 14$ dB
- Noise Figure :  $< 7$ dB
- Mains Voltage : 220VAC  $\pm 10\%$ , 50Hz
- Power Pass : 30/40/50/60 VAC

## Models:

- AS 1111 : Freq. 40 ~ 860 MHz (106 Ch Loading Capacity)
- AS 9191 : Freq. 40 ~ 750 MHz (93 Ch Loading Capacity)
- AS 8181 : Freq. 40 ~ 550 MHz (67 Ch Loading Capacity)



An International Quality Product from **ANALOG SYSTEMS**

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# Choose The Right Amplifier For Your Cable System



	<b>AS 1520</b>	<b>AS 1717</b>	<b>AS 1515 / AS 1111</b>
<b>1</b>	Low Noise Pre-Amplifier	Power Doubler Distribution Amplifier	Trunk Line Amplifier
<b>2</b>	Gain : 18dB	Gain: 30dB	Gain: 28dB(with double o/p)
<b>3</b>	Output Level: 100dBuV @ 80Ch	Output Level: 105dBuV @ 80Ch	Output Level: 100dBuV @ 80Ch (single output)
<b>4</b>	Control Room Application To compensate Combiner Losses with high C/N (with low CSO/CTB).	A Necessity to be used as first amplifier in every Trunk Cable before distribution For High Output Level with high C/N (with low CSO/CTB).	To be used as a regular amplifier in the Trunk line
<b>5</b>	Suitable for Trunk Cables where low gain is required	Suitable for Long Trunk Cables with large number of subscribers	Suitable for Trunk Cables and Branch Cables
<b>6</b>	Medium Price	Price is comparatively high	Economical in Price



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