



N2218

Two Way Trunk Amplifier



N2118

Line Extender



N2228

Two Way Indoor Amplifier



N2128

Indoor Distribution Amplifier

FEATURES AND SPECIFICATIONS

- high quality hybrid amplification module system at 54/87- 860MHz bandwidth for forward direction and 5-40/65MHz for reverse path.
- For two way amplifier: Plug-in duplex filters are capable of two way Transmission; Reverse bandwidth 5-40/ 5-65 optional
- Two outputs which can plug-in direction coupler to change output value.
- Both the input and output have testing points (-20dB).
- Input, outputs are all equipped with arrestors that reduce mechanical breakdowns from sudden electrical surges
- Trunk line amplifiers allow forward, backward power supply
- Uses high efficiency transformer / switch power

MODEL	N2218		N2118	N2228		N2128
Path	Forward	Reverse	Forward	Forward	Reverse	Forward
Amplifying Module	Push-pull+ Power doubler	Push-pull	Push-pull	Push-pull+ Power doubler	Push-pull	Push-pull
Frequency Band (MHz)	54/87-860	5-40/65	47-750	54/87-750	47-750	5-40/65
Max Gain (dB)	33±0.5	18±0.5	33±0.5	33±0.5	33±0.5	33±0.5
Flatness (dB)	±0.75	±0.75	±0.5	±0.5	±0.5	±0.5
Rated Input Level (dB μ V)	70	70	70	70	70	70
Rated Output Level (dB μ V)	102	95	98	98	98	98
CSO (dB) (@84 PAL-D Channels)(dB)	≤-52	≤-52	≤-52	≤-52	≤-52	≤-52
CTB (dB) (@84 PAL-D Channels)(dB)	≤-51	≤-51	≤-51	≤-51	≤-51	≤-51
HUM Modulation (dB)	≤-50	≤-50	≤-50	≤-50	≤-50	≤-50
Noise figure (dB)	7	7	7	7	7	7
Return Loss (dB)	16	16	15	16	16	15
Gain Attenuation (dB)	0,3,6,9,12	0,3,6,9,12	0→18	0,3,6,9,12	0,3,6,9,12	0→18
Tilt Tunable (dB)	0,3,6,9	0,3,6,9	1→17	0,3,6,9	0,3,6,9	1→17
Power Supply	60V			220/120VAC optional		
Impedance(ohm)	75	75	75	75	75	75