

EXECUTIVE AMPLIFIER



Spec indoor Amplifier has been specially designed for the use of MATV/CATV system for the amplifications of digital and analog channels. The pre amplifier of forward path adopts GaAs mmic amplify modules, output stage adopts the latest imported power doubler module achieve the high output level, low distortion and high signal of noise ratio.

EXECUTIVE - FAL



EXECUTIVE - SAL



FEATURES

- ✳ Very linear and balanced dual output.
- ✳ Gain and slope control attenuator at the input of hybrid module, helpful to adjust line output level.
- ✳ IC protection circuit is very useful to protect the module IC.
- ✳ Housing adopts the new design so that make it adjusting (setting) line signal conveniently.

TECHNICAL PARAMETERS

ITEMS	UNITS	TECHNICAL PARAMETER
Nominal Gain	dB	32
Nominal Input Level	dB μ v	70
Nominal Output Level	dB μ v	104
Flatness in Band	dB	± 0.75
Noise Figure	dB	≤ 12
Return Loss	dB	≥ 14
C/CTB	dB	≥ 56
C/CSO	dB	≥ 55
Signal to Hum Noise Ratio	%	< 2
Gain Stability	dB	$-1.0 \sim +1.0$
GENERAL CHARACTERISTICS		
Output Impedence	Ω	75
Supply Voltage	V	AC 180 ~ 250, AC 30 ~ 90 (50 Hz)
Power Consumption	W	7
Gain Variation	dB	20
Slope Variation	dB	18

MODELS

HIGH GAIN 40dB AMPLIFIERS

WITH SMPS EXECUTIVE AMPLIFIERS