

PROFESSIONAL AMPLIFIERS



Spec Professional Series Amplifiers are specially designed for the last mile LCO's. Special CATV modules are used as forward channel. It has characteristics of low power consumption, high reliability and excellent performance. Different kind of SMPS are available to operate these kinds of amplifier different kind of RF IC can be used according to the customer choice. Pre equalizer circuit are available in our professional series. It is helpful to maintain the slope of the amplifier.



FEATURES

- ✧ High quality RF for stable output.
- ✧ It produce very high input impedance and low out impedance.
- ✧ 870 MHz Bandwidth.
- ✧ It is more convenient to use and adjust the control room as well as line signal level also.
- ✧ Plug-in facilities are available in our all outdoor models amplifiers.

TECHNICAL PARAMETERS

ITEMS	UNITS	TECHNICAL PARAMETER
Frequency Range	MHz	47 ~ 862
Nominal Gain	dB	32
Nominal Input Level	dBμv	70
Nominal Output Level	dBμv	108
Flatness in Band	dB	± 0.75
Noise Figure	dB	≤ 10
Return Loss	dB	≥ 16
C/CTB	dB	≥ 57
C/CSO	dB	≥ 56
Signal to Hum Noise Ratio	%	< 2
Gain Stability	dB	-1.0 ~ + 1.0
GENERAL CHARACTERISTICS		
Output Impedence	Ω	75
Supply Voltage	V	AC 180 ~ 250, AC 30 ~ 90
Power Consumption	W	< 10

MODELS

20 dB FLAT CONTROL ROOM AMPLIFIER

FOUR OUTPUT AMPLIFIER