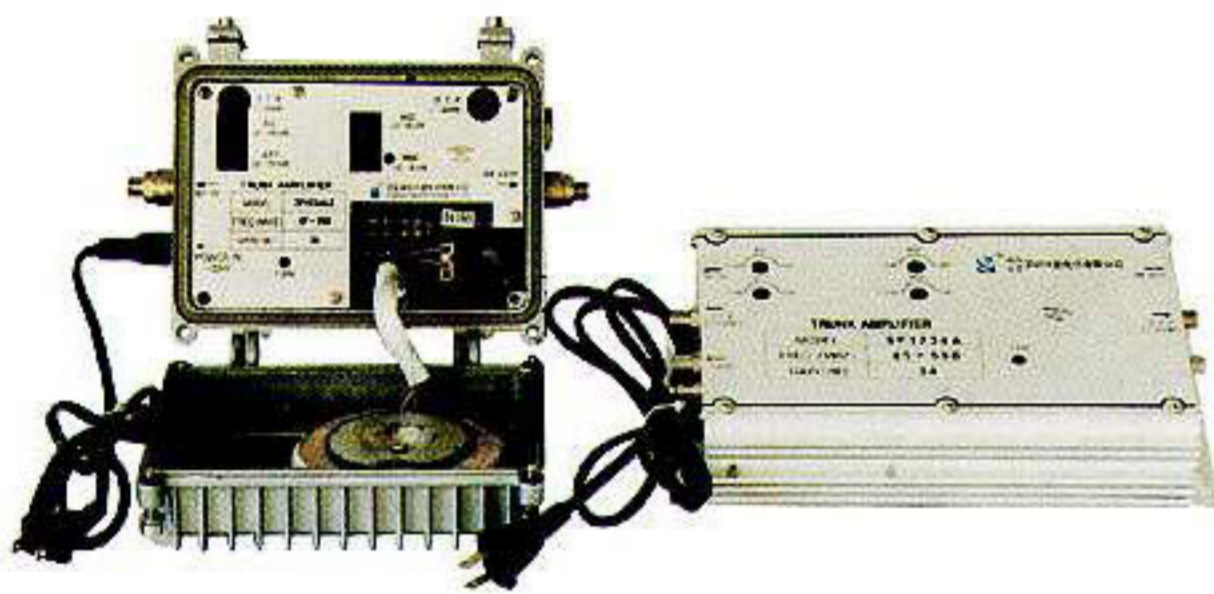


STF1734 Series User Amplifiers



Features:

- ✦ Design of amplifier by China patents No.91227896.X and No.9112623.6
- ✦ The last stage of amplifier uses Push-pull circuit in order to reduce distortion
- ✦ There are adjustable attenuator and adjustable equalizer at input port, there are MGC (manual gain control) and MSC (manual slope control) between first stage and second stage of the amplifier, user can adjust them to make amplifiers work in optimum state.

Specifications:

Model	5F1734□□	7F1734□□	8F1734□□
Freq range(MHz)	45-550	45-750	45-862
Rated operating gain(dB)	34±1	34±1	34±1
Flatness(dB)	±0.5	±0.75	±0.8
Input attenuator(dB)	0-10	0-10	0-10
Input equalizer(dB)	0-20	0-18	0-18
Manual gain control (dB)	0-8	0-8	0-8
Manual slope control (dB)	0-8	0-8	0-8
Max. output level(dB μ v)①	116	115	115
Rated input level(dB μ v)	68	68	68
Rated output level(dB μ v)	102	102	102
CSO(dBc)②	70	69	69
Cross Mod.(dBc)②	58	56	56
CTB(dBc)②	54	52	52
Noise figure(dBMax.)	7	8	8
Return loss(dB)	≥15	≥14	≥12
I/O test loss(dB)	20	20	20
Thunder stroke immunity	5KV(5/700 μ s)		
Ambient temperature	(-20 ~+50)°C		
Power consumption	10VA		
Power supply	AC 220V±10% or AC (30-60)V		

Note:① Test by DIN45004B

② Test condition:550MHz system,58 channels loading with flatness,at rated output level