



RP type version S amplifier adopts low power consumption design, waterproof cast aluminum cover and with excellent heat dissipation and high price-performance-ratio.

FEATURE

- nput/output 2-stage attenuation and equalization;
- On-line select one port or two port output;
- Separate upstream and downstream on-line testing port
- Could update to support EoC signal transmission

TECHNICAL SPECIFICATION

No.	Parameter	Unit	Specification					
			Upstream			Downstream		
1	Frequency range	MHz	5~33 (5~65)			47~862 (87~862)		
2	Passive upstream insert loss	MHz	≤4	≤7		—		
3	Min full gain	dB	≥18	≥20	≥23	≥26	≥30	≥33
4	Nominal gain	dB	≥18	≥20	≥23	≥26	≥30	≥33
5	Gain adjust range	dB	0~10					
6	In band flatness	dB	±0.75			±0.75		
7	Tilt adjust range	dB	0~20 (cannot adjust continuously)					
8	Gain stability	dB	±0.5					
9	Noise figure	dB	≤8					
10	Nominal input level	dBμV	80			72		
11	Nominal output level	dBμV	98	100	103	98	102	105
12	C/CTB	dB	—			≥62 79-path signal, nominal output level		
13	C/CSO	dB	—			≥62 79-path signal, nominal output level		
14	Return loss	dB	≥14					
15	Signal hum ratio	□	≤2					
16	Shock voltage 10/700μs	kV	5					
17	Voltage range	V	~ 35~70 50Hz (A type) / ~ 150~240 50Hz(B type)					
18	Dimension	mm	260×170×110					
19	Weight	Kg	≤3					
20	Power consumption	W	≤20					
21	Working temperature	□	-25~+55					

TROUBLESHOOTING

No.	Problem	Possible Causes	How to Solve
1	No working voltage	Socket is poor contact; switch is broken	Insure the socket is good contact; change switch
2	With working voltage, without signal output	Attenuator and equalizer is poor contact; amplifier may be broken	Insure attenuator and equalizer is good contact

TECHNICAL SPECIFICATION

No.	Item	Qty.
1	Fixed attenuator 2dB/4dB/6dB/8dB/10dB	1 for each type
2	Fixed attenuator 6dB/12dB	1 for each type
3	Operation Manual	1
4	Guarantee Card	1
5	Protective tube(F1.6A/250V)	1

