

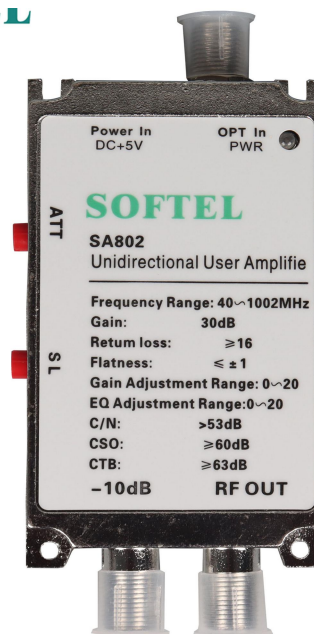
SA802 Unidirectional User Amplifier

1. Product Overview

SA802 unidirectional user amplifier is applicable for 1GHz CATV FTTB, FTTH transmission network. It is beautiful and durable with mature and reliable components and circuits, low power consumption, all-metal housing, etc.

2. Performance Characteristics

- Continuously adjustable output level and output slope.
- Various output distribution options.
- Full MMIC amplifying chip; the whole power consumption can be 1W.
- All-metal housing, perfect unity with small size and high index.
- Advanced surge and static protection, MTBF is up to 10W hours.
- External power supply, easy to install.



3. Technical Parameters

Item	Unit	Parameter	Note
Frequency Range	MHz	45-1006	
Gain	dB	30	Standard output FZ110
Flatness	dB	<1.5	
Reflection	dB	>16	
Gain Adjustment Range	dB	0-20	
EQ Adjustment Range	dB	0-20	
Noise Figure	dB	<6	
CSO	dB	≥60	59 CH analog signal Output level 92dBuV, EQ 8dB
CTB	dB	≥63	
Surge	KV	4	
Static	KV	2	
Power Supply Voltage	AC/V	100~240	

Power Consumption	W	1	
Operating Temperature	°C	-20~+50	

4. Block Diagram

