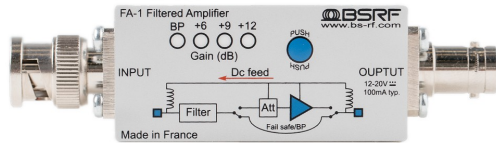


FA-1

Filtered Amplifier with fail safe



Features:

- ▶ Filtering before amplifying to reduce outband interference
- ▶ 4 amplification steps
- ▶ Fail safe, still work with no supply
- ▶ Can be use to filter output of amplifier (up to 1W)
- ▶ Custom filter on request
- ▶ High linearity amplifier
- ▶ DC through
- ▶ 10-18V operating voltage

Specifications:

Band-1	470-527MHz	@-3dB
Band-2	527-584MHz	@-3dB
Band-3	584-641MHz	@-3dB
Band-4	641-698MHz	@-3dB
Custom band	On request bandwidth: 20/35/60/120 MHz	@-3dB
Gain	0dB up to +12dB	With DC feed
Gain	-2dB typ.	With NO DC feed Depend on filter width
DC feed	10-18V	200mA max
RF in	BNC / N(OPT)	50 ohms
RF out	BNC / N(OPT)	50 ohms
Supply	10-18V/80mA typ.	
Size	94x20x24mm	With connectors
Weigth	100g	

(Subject to change without notice)

The FA-1 is a filtered inline amplifier powered through coax (DC-feed).

If you want to prevent your Rxs from external interference and also compensate loss in your coax, the FA-1 is what you need. Built-in small cavity filter coupled with high linearity helps you to get the best from your receivers.

The FA-1 can be used with passive antennas and also active ones.

As we always try to add some special feature to our products, the FA-1 can be used without power and behave as a simple filter, this way you can use it with receivers or IEMs!

BSRF designs and produces systems allowing to achieve extended radio coverage.