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INDUSTRIAL PRODUCT DATASHEET

RF Explorer Power Limiter

Compact 3-in-1 RF Explorer Power Limiter with DC Block and 6dB Attenuator for +30dBm protection across DC-3000MHz.

SKU	UPDATED	PRICE
109990003	2026-10-23 03:10:51	$49.50(Excl. VAT)



Overview



The RF Explorer Power Limiter is a compact 3-in-1 device combining a Power Limiter, DC Block, and Attenuator in a rugged aluminum case. It protects any RF Explorer model from input signals up to +30dBm (1 Watt) across DC-3000MHz and includes an internal 6dB attenuator and DC block up to 16V.

Key Features

- Robust, small and low weight custom aluminum case
- 3-in-1 device with Power Limiter, DC Block and Attenuator
- Easy to connect and disconnect when required
- Wide broadband frequency application
- Directional 1 Watt rating
- Suitable for all RF Explorer models, not required for WSUB3G

The RF Explorer Power Limiter is a custom device designed from scratch to be the perfect protection against strong RF fields.

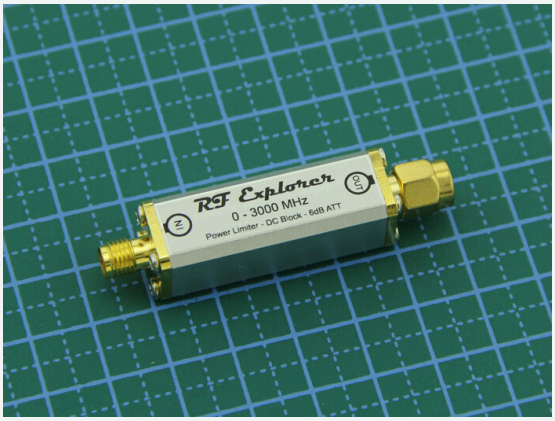
As you can see on **this note**, all RF Explorer models have some power ranges for input signal beyond which can be damaged. For most models, the limit is on +5dBm, some others are ok up to +10dBm but only WSUB3G (as well as the RF SMA connector on the right side in a 3G Combo) is protected up to +30dBm.

The new RF Explorer Power Limiter will allow any RF Explorer model to be protected with external signals up to +30dBm (1 Watt), so you get the same level of protection as in the WSUB3G. Furthermore, the power limiter includes additional functionality inside that will otherwise require external devices increasing cost and size:

- Power limiter: protection up to +30dBm, for any frequency range between DC-3000Mhz
- DC block: You can connect any external DC source up to 16V with no risk of damaging your RF Explorer or interfering in your measurement.
- Attenuator: Includes an internal 6dB attenuator to help you extend the range of power signal measurements. 6dB attenuation means only ¼ of the input power is received by the unit. To compensate for this extra attenuation you should indicate OffsetDB:+006 in the ATTENUATOR MENU of your RF Explorer.

The Power Limiter is assembled in a rugged aluminum case and it is very compact when compared to other market offerings, not to mention it includes internal DC block and attenuator which makes it a really small device for what it offers. It is a recommended add-on to all users who may expose their unit to strong external fields.

Product Gallery











Hardware Overview

RF Explorer®
Software Compatible

Part List

Power Limiter	x1

Compliance & Logistics

HSCODE	9030900090
USHSCODE	8548000000
UPC	841454104872
EUHSCODE	9030900000
COO	CHINA

Resource Links

- https://www.seeedstudio.com/RF-Explorer-Power-Limiter.html

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