AT11 – GNSS Attenuator

Description:

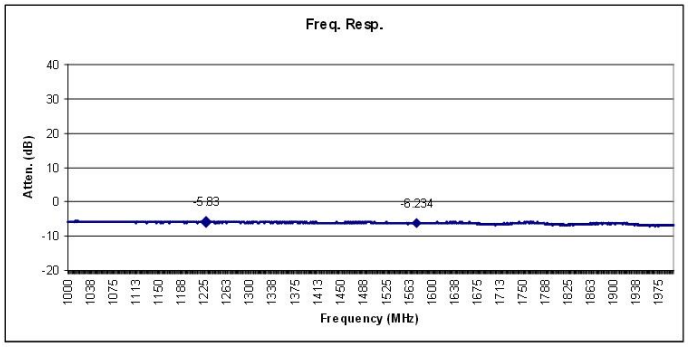
Designed with the link margins of satellite navigation systems in mind, the AT11 Attenuator covers the GNSS frequencies like GPS, Galileo and GLONASS frequencies.

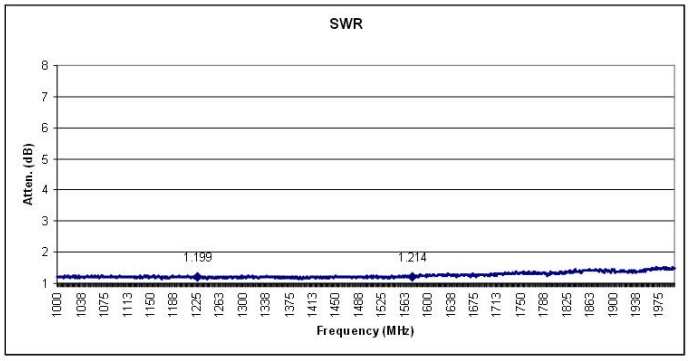
The AT11 is a one input one output RF device. The most common use is to vary the input level to a GPS test set controlled by a fixed, custom value between 2 and 25 dB.

The AT11 provides a range of attenuation from 0 to 40 dB. It also includes the option to pass the receive antenna LNA DC bias voltage through the device or to block the DC path to the antenna.

This product is available with different housings, standard, mini or tiny (see Info sheet GPS-Source housings for more informations).

AT11 / AT11M / AT11T





Features:

- For GPS L1 / L2, Glonass L1 /L2, Galileo
- With Custom gain available
  (Standard: 2-25 dB, Tiny + Mini: 0-40 dB)
- Excellent Flat Response
- 3 different housings available
- Pass DC or Block DC

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AT11 – GNSS Attenuator

ELECTRICAL SPECIFICATION

> Input/Output Impedance	50 Ω
> Frequency	1 – 2 GHz
> Attenuation	(in 1 dB steps)
Standard Housing	0 – 25 dB
Mini Housing	0 - 40 dB
Tiny Housing	0 - 40 dB
> SWR Input / Output	1.5 : 1
> Gain Flatness	0.5 dB max.
> Thru Current max.	250 mA max.
> Max. HF Input	10 dBm
> DC at Input / Output	25 V DC max.

PHYSICAL SPECIFICATIONS

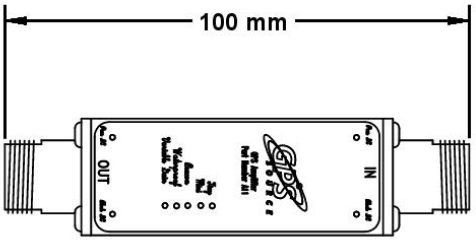
> RF Ports	
Input	1
Output	1
> Temperature Range	-40 bis 85°C
> Standard Housing	
Dimensions (L x H x D)	101 x 33 x 92 mm
Weight	~ 275 g
>Mini Housing	
Dimensions (L x H x D)	101 x 29 x 26 mm
Weight	~ 110 g
> Tiny Housing	
Dimensions (L x H x D)	83 x 12 x 26 mm
Weight	~ 40 g

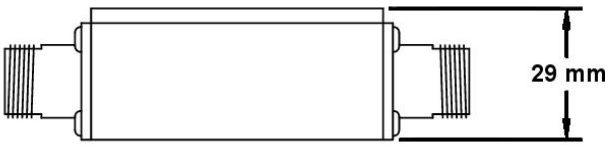
OPTIONS

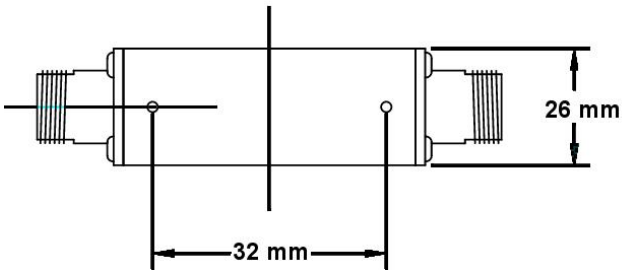
> Housing
- Standard
- Mini
- Tiny

> RF Connectors
- N (m, f) -not with Tiny Housing!
- TNC (m, f) -not with Tiny Housing!
- SMA (m, f)

> DC Configuration
- DC Pass
- DC Block







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