

AT11 GPS Fixed Attenuator

Features

- Excellent Flat Response
- Supports L1/L2 GPS and GNSS Frequencies

Options

- Pass DC or DC Block
- EMI Shielding, Hermetically Sealed, and/or Waterproof

Description

Designed specifically for use in all L-Band channels of Global Navigation Satellite Systems (GNSS), the AT11 fixed attenuator provides a user specified attenuation from 0 to 25dB. The AT11 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.

The AT11 attenuator comes with many available options to meet your specific needs. Please call, email sales@gpssource.com, or visit our website www.gpssource.com for further information on product options & specifications.



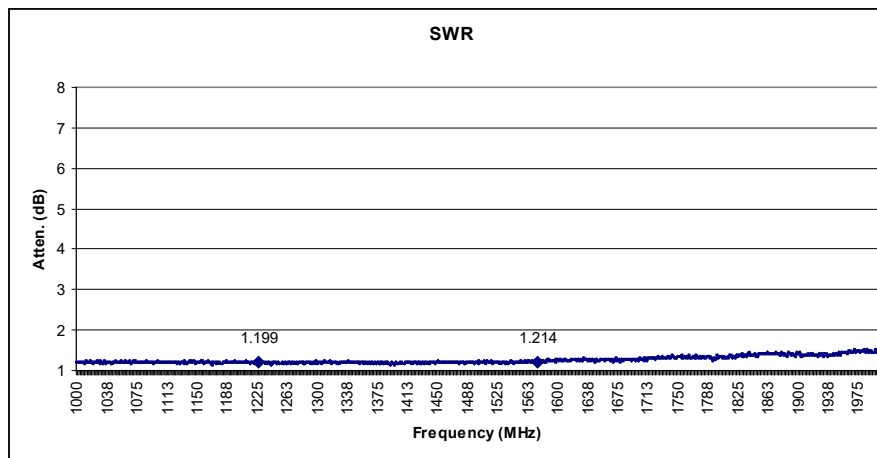
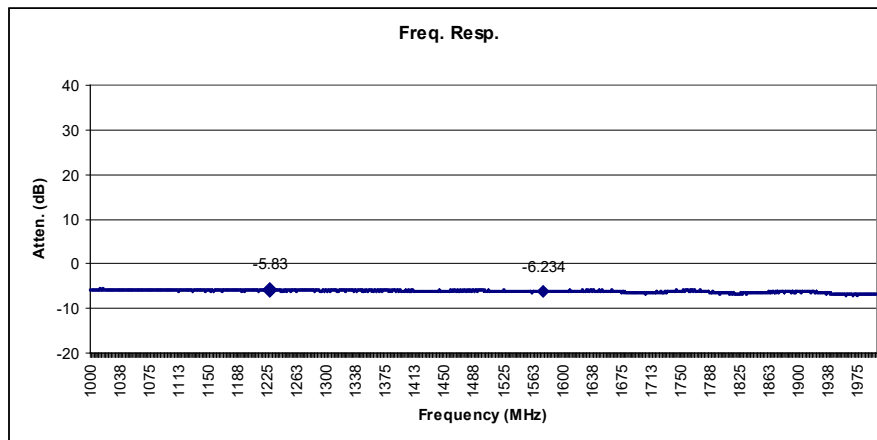
Electrical Specifications, Operating Temperature -40 to 850C

Parameter	Conditions	Min	Typical	Max	Units
Freq. Range	IN – OUT, IN/OUT-50Ω	1.1		1.7	GHz
In/Out Imped.	IN, OUT		50		Ω
Attenuation ⁽¹⁾	IN – OUT, IN/OUT-50Ω	0	As Specified	25	dB
Input SWR	OUT Port - 50Ω			1.5:1	-
Output SWR	IN Port - 50Ω			1.5:1	-
Gain Flatness	L1 - L2 , IN – OUT, IN/OUT-50Ω			0.5	dB
Inline Voltage	DC Input on IN/OUT port	-		25	VDC
Ant/Thru Current	DC Input on IN/OUT port			250	mA
Max RF Input	Max RF input without damage			10	dBm

Notes: (1): Performance guaranteed for N(F) connectors

Performance Data:

AT11 Fixed Attenuation (Typical for 6dB)



Available Options:

RF Connector Options:		
Connector Options	Connector Type	Limitations
	N (Male & Female)	
	SMA (Male & Female)	
	TNC (Male & Female)	
Housing Options:		
Housings	Housing Type	Limitations
	Standard	
	Mini	
Port Options:		
Pass DC	Input Output Pass DC	
DC Blocked	Output Blocks DC	

Part Number Configurator:

AT11M- XX - E - SF

Product: _____

- AT11** = Standard
- AT11M** = Mini

Custom Attenuation Option: _____

- XX** = Desired Attenuation Level

Options: _____

- E** = EMI Shielding *(Includes waterproofing)*
- HS** = Hermetically Sealed *(Includes waterproofing)*
- W** = Waterproof

Connector Options: _____

- NM** = N, Male
- NF** = N, Female
- SM** = SMA, Male
- SF** = SMA, Female
- TM** = TNC, Male
- TF** = TNC, Female

For help in creating the part number to meet your exact needs, contact us at sales@gpssource.com or visit our website at www.gpssource.com.

