

AT11 GPS Fixed Attenuator

中国代表处:

Tel: +86-755-29644311

Fax: +86-755-29644383

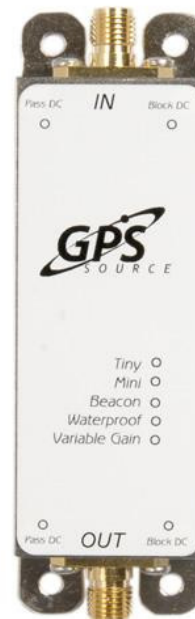
Email: sales@gpssource.com.cn

Web: www.gpssource.com.cn

Technical Product Data

Features

- Excellent Flat Response
- Pass DC or DC Block
- Supports GPS, Galileo & GLONASS - All Bands



Description

Designed specifically for use in all L-Band channels of Global Navigation Satellite Systems, including GPS, Galileo, GLONASS, and QZSS, the AT11 Fixed Attenuators provide a user specified attenuation from 2 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.

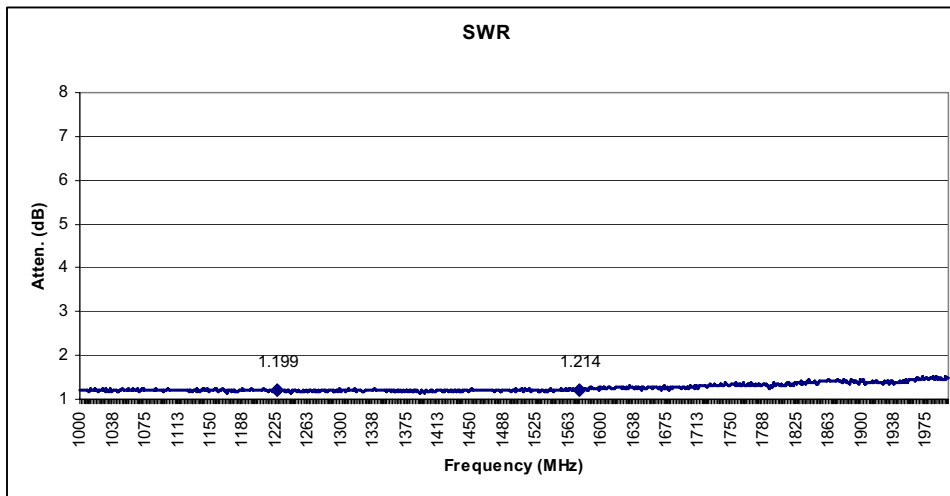
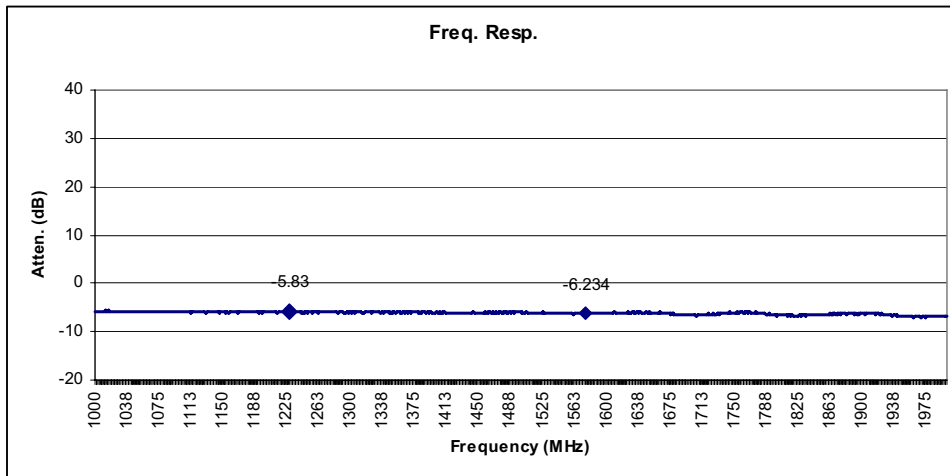
Electrical Specifications, Operating Temperature -40 to 85°C

| Parameter | Conditions | Min | Typ | Max | Units |
|----------------------------|--------------------------------|------|--------------|-------|-------|
| Freq. Range | IN – OUT, IN/OUT-50Ω | 1 | | 2 | GHz |
| In/Out Imped. | IN, OUT | | 50 | | Ω |
| Attenuation ⁽¹⁾ | IN – OUT, IN/OUT-50Ω | -0.5 | As Specified | +0.5 | 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 |
| DC IN | 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) | |
| | SMB (Female) | |
| | SMC (Female) | |
| | MCX (Female) | |
| | BNC (Male & Female) | Performance Not Guaranteed |
| Housing Options: | | |
| Housings | Housing Type | Limitations |
| | Mini | Connectors Not Available: N, TNC, BNC |
| | Tiny | |
| Port Options: | | |
| Pass DC | IN Port Passes DC | |
| DC Blocked | IN Port Blocks DC | |

Part Number:

AT11 - AXX - SF

Product:
Standard

Custom Atten. Option:
AXX - XX = Desired Atten. Level

Connector Options:

- NM** - N, Male
- NF** - N, Female
- SM** - SMA, Male
- SF** - SMA, Female
- TM** - TNC, Male
- TF** - TNC, Female
- BM** - BNC, Male
- BF** - BNC, Female
- SB** - SMB Jack, Female
- SC** - SMC Jack, Female
- MX** - MCX Jack, Female