CT703 LANforge-Attenuator with 3 Attenuator Modules: 0.7Ghz to 6Ghz

The CT703 RF Attenuator is used to attenuate (decrease) the RF signal between wireless devices. The CT703 uses 3 of the ATS0760-95 modules from EUBUS. A summary of the technical specifications is below:

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impedance</td>
<td>50 Ω</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>0.7 GHz – 6.0 GHz</td>
</tr>
<tr>
<td>Attenuation Range</td>
<td>0 – 95.5 dB</td>
</tr>
<tr>
<td>Attenuation Steps</td>
<td>0.5 dB increments</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>8 dB nominal, 10 dB max</td>
</tr>
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<td>Attenuation Accuracy</td>
<td>1-15 dB: ±1dB, 16+ dB: ±1.5dB or 4%</td>
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The CT703 may be controlled by the two knobs on the faceplate and may also be controlled through software access over the USB-Serial port. The included LANforge software suite supports automated scripting as well as manual configuration of the attenuator modules.

The CT703 has no moving parts and will fit into a small travel bag or briefcase for easy portability.

The CT703 includes 6 RP-SMA Plug to RP-SMA Plug patch cables, USB Cable, and external power supply (brick).

NOTE: This product may have a different hardware configuration than the system pictured above. Refer to your official quote for details.
Quick Start Guide

1. Connect 9v 1A DC Power brick.
2. Optionally: Connect USB cord to Linux PC for managing through LANforge or other program.
3. Connect the Attenuator pairs: Top SMA connector to one system, bottom to the other.
4. Adjust menu with top knob to 'All' or individual modules and use bottom knob to adjust attenuation settings.
LANforge-Attenuator Related Images

LANforge-GUI Attenuator Configuration Screen

LANforge-GUI 2544 Script with Attenuation
1. RF Attenuator with 0.7Ghz to 6 Ghz.
2. Includes 3 **ATS0760-95** RF Attenuation modules from **EUBUS**.
4. USB-Serial console (115200 8 N 1) for scripting and automated control.
5. 2 rotating knobs for manual adjustment.
6. LCD Screen for display of current settings.
7. High-Quality aluminum chassis with extruded body and 2.4mm thick faceplates.
8. Internal RF connectors are highly shielded semi-rigid SMA cables.
9. +9v 1AMP external power supply (brick). May also be powered from 500ma USB port.
10. Weight: 3 lbs or 1.4 kg.
11. Dimensions: 9 x 9.5 x 3 inches  Metric: 240 x 230 x 80 mm.
12. Operating Temperature: 0 ~ 40°C.
13. Operating Humidity: 10 ~ 90%.
14. Certification: RoHS.

**ATS0760-95 module specifications:**

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List Price: $5,495  List Price with 1 Year support (17%): $6,429

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**Additional Products**

For a more complete WiFi testing setup, you may wish to consider the **CT711 RADAR Simulator**, **CT523** and **CT525** series WiFi traffic generators.

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