Fiber Systems offers a variable attenuator that is adjustable from 1 to 30db using a non calibrated thumb wheel. The attenuator uses angled ferrules and air gap technologies to produce a back reflection of < -70dB. This method also allows the device to be wavelength independent. The attenuation range will increase when used at lower wavelengths. Operating temperature is -10 to +70 degree C. The attenuator comes standard with 1 meter 900u pigtails that can be terminated with your choice of connectors.

### Features and Benefits
- Automated Manufacturing
- Low Back Reflection
- Stable Attenuation
- Compact Packaging

### Applications
- CATV
- CCTV
- Telecommunications
- LAN
- Man
- Test Equipment
- Multi-Channel

### Specifications
- **Attenuation Range**: 1 to 30db
- **Back Reflections**: <70 dB
- **Operating Temperature**: -10 to +70°C
Wavelength Range 1310/1550nm

Cable Length 1 meter standard, any length available

Reliability and Environmental
- Back Reflection Test
- Insertion Loss Test
- High Temperature Bake
- Strain Relief
- Vibration Test
- Shock Test
- Fiber Tension and Torsion Test

How To Order

<table>
<thead>
<tr>
<th>A</th>
<th>3</th>
<th>M</th>
<th>S</th>
<th>G</th>
<th>H</th>
<th>V</th>
<th>-</th>
<th>X₁</th>
<th>-</th>
<th>X₂</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

X₁ is Fiber Type
- M 5 = 50/125
- M 6 = 62.5/125
- S = SM

X₂ is Connector Style
- ST = STPC, FC = FCPC
- SC = SCPC, AF = FCAPC
- AS = SCAPC, S5 = SMA905
- S6 = SMA906

Example: To order a MM 62.5/125 with ST connectors the part number is A3MSGHV-M6-ST

For more information, contact:

Metrotek
Phone: (727) 547-8307
Fax: (727) 547-0687

E-mail: fiberoptics@metrotek.com

BACK: Attenuator Page
BACK: To Metrotek's Home Page