Copper Modular Network TAP
1G | 1U/2U | TAP ‘Breakout’ Mode

Network test access points (TAPs) are hardware tools that allow you to access and monitor your network. The modular chassis features a flexible and scalable design to meet your network needs today and tomorrow.

This Copper modular chassis supports tap ‘breakout’ mode, allowing you to fully deploy and manage your monitoring and security appliances and guarantee 100% network uptime letting you see every bit, byte and packet.

Key Features

- **Scalable Modular TAPs System:**
  - 2U holds up to 12 TAPs
  - 1U holds up to 4 TAPs

- **Management and Non-Management options:**
  - Non-management chassis (management card can be added)
  - Management: CLI/GUI/SSH/HTTP/Telnet available

- Dual internal AC or DC power supplies

- TAP modules are hot swappable, fully configurable and interchangeable

- Accommodates GT legacy modular TAPs

- Network Failsafe recognizes power outages and automatically closes the relay circuitry in less than 8 milliseconds then reconnects the two network devices connected to Ports A & B.

- Supports jumbo frames and passes physical errors.

- Packet slicing and packet injection (aggregate mode for copper network port TAPs).

- 100% secure and invisible; no IP address, no MAC address; cannot be hacked

- Made, tested and certified in USA

APPLICATIONS:

- High density data center design.
- Network efficiency
- Media Conversion for 1G networks

SOLUTIONS:

Media Conversion

Converting media allows you to use monitoring tools that you already have or use monitoring tools that cost less.

- Fiber (SX, LX, ZX) to copper (TX)
- Copper (TX) to fiber (SX, LX, ZX)
- Short range fiber (SX) to long range fiber (LX or ZX).

Competitive Edge

- Flexible design - accommodates any 1G network scenario
- Scalable design - add modules as needed

Have Questions?

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# Copper Modular Network TAP

1G | 1U/2U | TAP ‘Breakout’ Mode

## Chassis options

<table>
<thead>
<tr>
<th>Model #</th>
<th>Chassis/TAPs*</th>
<th>Power Supplies</th>
<th>Voltage</th>
<th>Current (nominal)</th>
<th>Consumption (maximum)</th>
<th>Dimensions (WxHxD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1G1ACE</td>
<td>1U; up to 4 TAPs</td>
<td>Dual Internal AC</td>
<td>100-240VAC</td>
<td>0.75A@115VAC</td>
<td>86.25 Watts</td>
<td>17.40&quot; x 1.75&quot; x 13.45&quot; (441.96mm x 44.45mm x 341.63mm)</td>
</tr>
<tr>
<td>M1G1DCE</td>
<td>1U; up to 4 TAPs</td>
<td>Dual Internal DC</td>
<td>36-60VDC</td>
<td>1A@48VDC</td>
<td>48 Watts</td>
<td></td>
</tr>
<tr>
<td>M1G2ACE</td>
<td>2U; up to 12 TAPs</td>
<td>Dual Internal AC</td>
<td>100-240VAC</td>
<td>1A@115VAC</td>
<td>115 Watts</td>
<td>17.40&quot; x 3.47&quot; x 13.45&quot; (441.96mm x 88.14mm x 341.63mm)</td>
</tr>
<tr>
<td>M1G2DCE</td>
<td>2U; up to 12 TAPs</td>
<td>Dual Internal DC</td>
<td>36-60VDC</td>
<td>2.8A@48VDC</td>
<td>134.4 Watts</td>
<td></td>
</tr>
<tr>
<td>M1GC*</td>
<td>Management card: Ethernet/GUI - and - Serial/CLI for M1GxxxE</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Blanking plates (Model #: Tray-BG) are used if management card is not required or if not all TAP modules are populated. Management card and additional GT TAP modules can be added to chassis.

## Breakout TAP options

<table>
<thead>
<tr>
<th>Model #</th>
<th>Network Speed</th>
<th>Media</th>
<th>Modes</th>
<th>Features</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Network</td>
<td>Monitor</td>
<td>Breakout</td>
<td>Aggregation</td>
</tr>
<tr>
<td>M100CCB*</td>
<td>10/100M</td>
<td>2 Copper-Rj45, passive</td>
<td>2 Copper-Rj45</td>
<td>Yes</td>
</tr>
<tr>
<td>M1GCCB</td>
<td>1G</td>
<td>2 Copper-Rj45</td>
<td>2 Copper-Rj45</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*Supports Power over Ethernet (POE)