**AggregatorTAP:** Copper High Density

1G | Aggregation & Regeneration | Data Diode

Network test access points (TAPs) are hardware tools that allow you to access and monitor your network. TAPs are purpose-built hardware devices that let you see every bit, byte and packet.®

AggregatorTAPs are used to capture 100% full duplex traffic that can then be sent to multiple monitoring appliances to analyze your network. AggregatorTAPs supports aggregation and regeneration/SPAN modes, providing flexibility to manage your network.

Garland Technology’s unique Data Diode design provides a unidirectional path to the monitoring ports of the AggregatorTAP. This ensures no Ethernet packets can be sent to the Live Network TAP Ports or SPAN Ports. We help AirGap your network monitoring and security tools from your live network. Don’t let your monitoring or security tools become a hackers point of entry. Data Diodes eliminate the risk for data flowing back into the network, to guarantee information security or protection of critical digital systems.

**Key Features**

- 1U High Density Solution
  - TAP up to 4 network segments and aggregate traffic to 1 or 2 monitoring ports
  - Aggregate up to 8 SPAN Ports to 1 or 2 monitoring ports
- Link Speed Synchronization
- Link Failure Propagation (LFP)
- Supports aggregation, regeneration/SPAN modes
- Unidirectional circuitry design, provides a physically secure one-way communication path to the monitoring ports
- Supports jumbo frames
- Passes physical errors
- Dual internal AC or DC power supplies
- 100% secure and invisible; no IP address, no MAC address; cannot be hacked
- Made, tested and certified in USA

**APPLICATIONS:**

- Capture full duplex traffic from both directions.
-Aggregate the same four links to other monitoring port on different appliance.
- Aggregate eight SPAN links to other monitoring port on different appliance.

**SOLUTIONS:**

Aggregation TAPs are ideal for:

- Wireshark
- Analyzers
- Intrusion Detection System
- Application Performance Monitoring
- Lawful Intercept
- Packet Capture
- Data Forensics

**Competitive Edge**

- High density design
- Unidirectional circuitry design
- Design supports aggregation, regeneration/SPAN modes.
- Tested and Certified.

**Have Questions?**

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com
### Aggregator TAP: Copper High Density

**1G | Aggregation & Regeneration | Data Diode**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Network Speed</th>
<th>Media</th>
<th>Modes</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Network</td>
<td>Monitor</td>
<td>Breakout</td>
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<tr>
<td>INT1G10CSA</td>
<td>10/100/1000M</td>
<td>4 Copper - RJ-45 (pair)</td>
<td>2 SFP</td>
<td>Yes</td>
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<tr>
<td>INT1G10CSA-DC</td>
<td>10/100/1000M</td>
<td>4 Copper - RJ-45 (pair)</td>
<td>2 SFP</td>
<td>Yes</td>
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<tr>
<td>INT1G10CSASP</td>
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<td>8 Copper - RJ-45</td>
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<tr>
<td>INT1G10CSASPDC</td>
<td>10/100/1000M</td>
<td>8 Copper - RJ-45</td>
<td>2 SFP</td>
<td>No</td>
</tr>
</tbody>
</table>

#### Additional Specifications

**Pluggables & Cables:**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>SFPTX</td>
<td>SFP 10/100/1000 Copper RJ-45 Connector</td>
</tr>
<tr>
<td>SFPSX</td>
<td>SFP 1000Base-SX Multi-Mode Fiber LC Connector</td>
</tr>
<tr>
<td>SFPLX</td>
<td>SFP 1000Base-LX Single Mode Fiber LC Connector</td>
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</table>

**Network Flow**

**How Aggregation works**

Aggregate the eastbound traffic and aggregate the westbound traffic. Next aggregate the eastbound traffic with the westbound traffic and send to ports 9 and 10.

**Dimensions** (HxWxD): 1.75" x 8.35" x 17.3" (44.45mm x 212.10mm x 439.42mm)

**Weight:** 4.0 lbs (1.81 kg)

**Ambient Temperature:** 0°C to 40°C (32°F to 104°F)

**Storage Temperature:** -20°C to 70°C (-4°F to +158°F)

**Voltage:** 90 AC - 264 AC

**Current (nominal):** 1.8 Amps at 115 AC

**Maximum consumption:**

**Humidity:** 90% non-condensing

**Safety Note:**

Earth ground must be supplied through the AC power cord. Allow sufficient space in the mounting rack to remove the power cord for disconnection.

This unit has redundant power supplies. Please disconnect both power supplies before servicing.