Visibility starts with the packet. A network TAP (test access point) is a hardware device that allows you to access and monitor your network traffic by copying packets without impacting or compromising network integrity.

The Copper OT Network TAPs are specifically designed for 10M/100M/1000M (1G) industrial OT environments with fixed DC power and engineered for extreme temperature variations.

These TAPs provide full-duplex traffic that includes supporting jumbo frames, while passing physical errors to guarantee not a single packet is lost, providing network monitoring and security tools the traffic they need to effectively analyze the network.

Key Features

- Provide 100% full duplex traffic visibility
- Engineered for extreme temperature variations -40C to +85C / -40F to +185F
- Low latency TAP
- Passes physical layer errors
- Supports jumbo frames
- Optional link speed synchronization
- Supports 10/100/1000M (1G)
- Supports tap ‘breakout’
- PoE (Power over Ethernet)
- Fixed DC powered
- Rugged Steel construction
- 100% secure and invisible; no IP address, no MAC address, cannot be hacked
- Plug & Play easy installation, no configuration
- 1U rack mount holds up to 4 portable TAPs
- DIN Rail mount and Industrial accessories available
- Made, tested and supported in the USA

APPLICATIONS

- Network & Application Monitoring
- Network & Application Analysis
- Network & Application Performance
- Breakout Mode is ideal when utilization is very high and packet loss is not an option.

SOLUTIONS:

- Intrusion Detection Systems
- Application Performance Monitoring
- Packet Capture
- Deep Packet Inspection
- Network Analyzer
- Forensics

Competitive Edge

- Performs in extreme environments
- Rugged steel design
- Tested and Certified

Have Questions?

sales@garlandtechnology.com
+716.242.8500
garlandtechnology.com

Design-IT Demo
garlandtechnology.com/design-it
# Copper OT Network TAP

**10/100/1000M (1G) | Portable | Breakout | Fixed DC power**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Network Speed</th>
<th>Chassis Size</th>
<th>Failsafe</th>
<th>Power</th>
<th>Serial Port</th>
<th>Network</th>
<th>Monitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>RMS-1U-v2</td>
<td>10/100/1000M (1G)</td>
<td>1U Rack Mount Kit - Hold up to 4 Portable TAPs</td>
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<tr>
<td>RMP-1U</td>
<td>10/100/1000M (1G)</td>
<td>1U Rack Shelf Mount Kit - Hold up to 4 Portable TAPs</td>
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</tbody>
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**Additional Specifications**

P1GCCB_OT Dimensions (HxWxD): 1.15"x3.9"x7.9" (29.21mm x 99.06mm x 200.6mm)

- Weight: 1.0 lbs (0.453 kg)
- Ambient Temperature: -40°C to +85°C / -40°F to +185°F
- Storage Temperature: -40°C to +85°C / -40°F to +185°F
- Voltage: 9-36VDC
- Current (nominal): 0.9A@9VDC
- Maximum consumption: 8 Watts
- Humidity: 90% non-condensing

**DIN Rail Specifications:**

- Length: 6 ft (1.83m)
- Number of Conductors: 3
- Gauge: 18
- Jacket Type: SVT 105B°C

**Network Flow**

![Network Flow Diagram](image)

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