

Copper OT Network TAP

Visibility Solution for Network and Security Monitoring in Extreme Temperatures



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:

Copper Network TAPs are ideal for:

-  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?

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Design-IT Demo
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Copper OT Network TAP

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

Model #	Network Speed	Chassis Size	Failsafe	Power	Serial Port	Network	Monitor
RMS-1U-v2			1U Rack Mount Kit - Hold up to 4 Portable TAPs				
RMP-1U			1U Rack Shelf Mount Kit - Hold up to 4 Portable TAPs				
Model# + DIN_MOUNT			Select the Garland Technology portable network TAP model # and add "DIN_MOUNT." e.g., P1GCCB_OTDIN_MOUNT				
P1GCCB_OT	10/100/1000M (1G)	Portable	Yes	DC	No	Copper RJ45	Copper RJ45

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: -40C to +85C / -40F to +185F

Storage Temperature: -40C to +85C / -40F to +185F

Voltage: 9-36VDC

Current (nominal): 0.9A@9VDC

Maximum consumption: 8 Watts

Humidity: 90% non-condensing

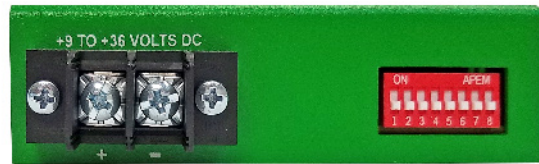
DIN Rail Specifications:

Length: 6 ft (1.83m)

Number of Conductors: 3

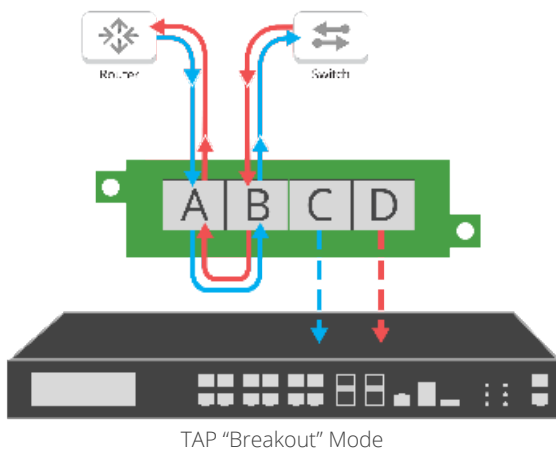
Gauge: 18

Jacket Type: SVT 105B°C



Back view (Fixed DC power and configuration switch)

Network Flow



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