

# PD-AFATBT-Tester

PoE AF/AT/BT tester



## Summary

Check your RJ-45 outlet for power using the PoE AF/AT/BT tester. The PoE tester connected to an RJ-45 outlet, tests the cabling infrastructure for the presence of power—IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt standard and PoH.

## Key Features

- Tests RJ-45 outlet for Power over Ethernet existence
- Simulates Dual Signature PD class 5/ type 4
- Detects IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt and PoH
- Compact design specifically tailored for system integrators and installers
- Plug and play, simple to use

## Specifications

Feature	Description
Input	RJ-45 connector
Dimensions	L x W x H 76 mm x 24 mm x 22 mm 2.99 in x 0.94in x 0.87 in
Weight	15g
Indicators	LED display: Red - IEEE 802.3at (30W) Magenta - PoH (95W) Green - IEEE 802.3bt Type 3 (60W) Blue - IEEE 802.3bt Type 4 (90W) LED internal (under Microchip Logo) Yellow - IEEE 802.3af (15.4W) or passive PoE
Environmental Conditions	Operating Ambient Temperature 32°F to 104°F (0°C to 40°C) Operating Humidity Max 90%, non-condensing Storage Temperature -4°F to +158°F (-20°C to +70°C) Storage Humidity Max 95%, non-condensing
Regulatory Compliance	CE, WEEE

## Technical Support

For technical support, please visit the Microchip Technical Support Portal at [www.microchip.com/support](http://www.microchip.com/support).

## Ordering Information

Part Number	Product Name	Description
PD-AFATBT-Tester	PD-AFATBT-Tester	Power over Ethernet AFATBT tester for RJ-45 outlet

## About Microchip mPoE



Microchip multi-Power over Ethernet (mPoE) is a technology that powers any wired network device seamlessly and efficiently, making it the ideal solution for Ethernet-based applications. Leveraging a uniquely designed algorithm, this technology solves interoperability issues between different PoE standards and legacy solutions to provide an international network power standard. As a pioneer in PoE technology, we offer a comprehensive end-to-end portfolio of PoE solutions comprised of PoE ICs and PoE systems (midspans/injectors and switches).

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