

# USB Power over Ethernet Splitter

## IEEE 802.3af | 5V Output | 2.4A Max



### Product Overview

The USB Power over Ethernet Splitter allows USB-powered devices to be powered from a standard IEEE 802.3af PoE network. It converts PoE power delivered over an RJ45 Ethernet cable into a regulated 5V USB output, eliminating the need for local power adapters.

### Key Features

- IEEE 802.3af compliant
- Regulated 5V USB output
- Up to 2.4A output current
- Compact inline design
- Plug and play operation
- Network Speed: 10/100Mbps

### Electrical Specifications

PoE Standard	IEEE 802.3af
Input Voltage	44–57 VDC
Output Voltage	5 VDC $\pm$ 5%
Maximum Output Current	2.4 A
Maximum Output Power	12 W

### Interfaces

Ethernet Input: RJ45 (PoE powered)

Ethernet Output: RJ45

USB Output: USB-C female

### Applications

Tablets, IoT boards, USB cameras, single-board computers, digital signage controllers.