**IEEE802.3af compliant PoE splitter for 5V products**

Supplies power and 1GbE data simultaneously to devices not supporting PoE. Ideal for systems where access to power is limited by infrastructure layout.

# 1GbE Power over Ethernet Splitter 12W

## IEEE802.3af

Compliant to IEEE802.3af which features a 1500V high voltage isolation PoE transformer and integrated high performance network filter

## 1GbE support

10/100/1000Mbps Ethernet and supports the full range of IEEE802.3 standards:
IEEE 802.3 I, IEEE 802.3 u, IEEE 802.3 x, IEEE802.3af, IEEE802.3at

## Safe and secure

Supports 44V–57V, auto-detects PSE power source with isolation circuit to help protect connected equipment from short circuit, over voltage, overcurrent and overheating.

## Power Efficient

At 83% efficiency this PoE splitter is class leading and leads to its -20 to +50C operating temperature range

| Link Ports | |
|---|---|
| **8p8c (RJ45)** | 1x |

| Cable Requirements | |
|---|---|
| **CAT5e and above** | 100m / 328ft |

| Network Support | |
|---|---|
| **Bandwidth** | 10/100/1000MbE |
| **10/100 Support** | Yes |

| Environmental | |
|---|---|
| **Operating Temperature Range °C / °F** | -20 to 50 °C / -4 to 122 °F |
| **Storage Temperature °C / °F Range** | -30 to 60 °C / -22 to 140 °F |
| **Operating Humidity (%)** | 10% - 90% (non-condensing) |
| **Storage Humidity (%)** | 5% - 95% (non-condensing) |
| **Altitude m/ft** | 2,000 / 6562 |

| Power Source | |
|---|---|
| **5V** | 1x |
| **Input Power Supply** | PoE (802.3.AF) |

| Physical Design | |
|---|---|
| **Construction Material** | Robust plastic enclosure |
| **U size** | Zero |
| **Width (mm) / (in.)** | 28 / 1.1 |
| **Height (mm) / (in.)** | 24 / 0.9 |
| **Depth (mm) / (in.)** | 81 / 3.2 |
| **Flying Lead Length (mm)** | 190 |
| **Weight (kg) / (lb)** | 0.1 / 0.2 |

| Approvals and Standards | |
|---|---|
| **Approvals** | CE, FCC, ICES |
| **Standards** | ANSI 63.4, EN/IEC 62368-1, EN55032 /CISPR 32, EN55035/CISPR 35, EN61000-3-2, EN61000-3-3, FCC pt15B, ICES003, IEE802.3at |
| **Other** | Cal Prop 65, China ROHS, EU REACH, UK REACH |

## What's in the Box?

1x 1GbE Power over Ethernet Splitter 12W

## Ordering Information

| | |
|---|---|
| PSU-POE-5VDC-2.4A | 1GbE Power over Ethernet Splitter 12W |

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