



## IEEE802.3at compliant PoE splitter for 12V 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 24W

### IEEE802.3af/at

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

### 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.

### 1GbE support

10/100/1000Mb 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.

### Power Efficient

At 90% 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	
12V 3-pin	1x
Input Power Supply	PoE (802.3.AF), PoE (802.3.AT)
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, IEE802.3at
Other	Cal Prop 65, China ROHS, EU REACH, UK REACH



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### What's in the Box?

1x 1GbE Power over Ethernet Splitter 24W

### Ordering Information

PSU-POE-12VDC-2A

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