



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

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

10/100/1000Mbps 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

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



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What's in the Box?

1x 1GbE Power over Ethernet Splitter 12W

Ordering Information

PSU-POE-5VDC-2.4A

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