SPL90BT

Hardened Gigabit PoE Splitter

Product Highlights

➔ Flexible Power Output

- Provides power to remote non-PoE devices
- Various DC voltage outputs to power wide range of devices
- Accepts PoE power from IEEE 802.3af/at/bt compliant devices

➔ Hardened-Grade for Non-Ventilated & Harsh Environments

- Wide operating temperature range from -40 to 75°C (-40 to 167°F)
- Fanless operation
- High impact, thermal shock, and electrical noise resistance

➔ Support

- Complimentary Technical Support
- In-person training and free online training courses available
- Limited Lifetime Warranty

Overview

EtherWAN's SPL90BT is a compact hardened DIN-rail mounted PoE splitter. Using the latest IEEE 802.3bt PoE technology, the SPL90BT can accept up to 90W power from a PoE power source and provide power to remote non-PoE devices in environments where power is not available. Hardened-grade allows for reliable operation even in harsh environments.

Ordering Information

Model

SPL90BT	10/100/1000BASE-T PoE Splitter

Hardware Specifications

Interface ✛

Ethernet	1 x 10/100/1000BASE-T(X), data out 1 x 10/100/1000BASE-T(X), PoE in
LED Indicators	Power detected: On/Off
LED Indicators	Power detected: On/Off BT: On (802.3bt detected), Off (802.3bt not detected)
DIP Switch (1/2)	Up/Up: 48VDC Down/Up: 24VDC Up/Down: 16VDC Down/Down: 12VDC

Technology ✛

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX/100BASE-FX IEEE 802.3ab 1000BASE-T IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3bt 4PPoE

Power ✛

Input	PoE power input
Power Consumption	1W max
Power Output	48VDC @ 1.5A 24VDC @ 2.3A 16VDC @ 2.3A 12VDC @ 2.3A
Protection	Current overload protection

Physical ✛

Casing Material	Aluminum
IP Rating	IP30
Dimensions	32 x 81.5 x 103.5mm (W x D x H) 1.26" x 3.21" x 4.07"
Weight	1.5lbs (0.68kg)
Installation Type	DIN-rail or wall mounting

Environmental ✛

Operating Temp	-40 to 167°F (-40 to 75°C)
Storage Temp	-49 to 185°F (-40 to 85°C)
Relative Humidity	5% to 95% (non-condensing)
MTBF	>500,000 hours @ 50°C

Regulatory ✛

ISO	Manufactured in ISO-9001 facility
EMI	FCC Part 15B Class A EN 55032 EN 55024
EMS	EN 61000-4-2 (ESD) EN 61000-4-4 (Burst) EN 61000-4-5 (Surge)
Safety	UL 60950-1
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32

Warranty ✛

Length	Limited Lifetime
Details	https://etherwan.com/support/warranty-policy

What's Included ✛

Device	Splitter
Installation	Mounting brackets, screws, 4-pin terminal block
Documentation	Quick install guide

Dimensions