FPE101A

PoE Extender

Overview

FPE101 A extends Power over Ethernet Installations to 200 meters.

It is a cost effective way to extend the Ethernet network range beyond 100m, delivering both data and power to network devices such as WLAN Access Points and Network Cameras up to a distance of 200m while complying with IEEE 802.3at/af PoE and Data standards.

The PoE Extender supports 10/100Mbps data rate and delivers 802.3af power levels, up to 15.4W if injects by 802.3at PSE. The PoE Extender does not require local power and is powered via the PoE input.

Specification	Description
Pass Through Data Rates	10/100 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 1/2 (+), 3/6 (-), Output Power Voltage: 45-55Vdc
Input Power Requirements	PoE, Supports alternatives A and B DC Input PoEVoltage: 46-57 Vdc Max Input Current: 0.7A
Dimensions	95 mm x 71.5 mm x 26.5 mm
Weight	300g
Indicators	System Indicator: DC Power Input/Output (Green) Ethernet Data Input/Output (Orange)
Connectors	Shielded RJ-45 female socket

Environmental Conditions		
Operating Ambient Temp.:	**32° to 122°F (0 to 50°C)**	
Operating Humidity:	Maximum 90%, Non-condensing	
Storage Temperature:	-4°to 158°F (-20°to 70°C)	
Storage Humidity:	Maximum 95%, Non-condensing	

Regulatory Compliance	IEEE802.3at/af (PoE), RoHS Compliant WEEE Compliant
Electromagnetic Emissions & Immunity	FCC Part 15, Class B CE