



PoE Extender, Universal Mount, Outdoor, 60 Watt, 1-Port

- Environmentally sealed closure - IP67
- Electrical power management
- Circuit protection electronics
- Optical to electrical Media Conversion
- Automatically conditions electrical voltage to the correct level
- 1 60W PoE port

Product Classification

Product Type	PoE unit
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Construction Materials

Finish	White solar shield
Material Type	Aluminum

Dimensions

Depth	77.02 mm 3.03 in
Height	224.71 mm 8.85 in
Weight	3.80 kg 8.38 lb
Width	283.00 mm 11.14 in

Environmental Specifications

Environmental Space	Outdoor
Installation Temperature	-5 °C to +45 °C (+23 °F to +113 °F)
Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Qualification Standards	IEC 60529:2001, IP68
Safety Standard	CE CSA SELV
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)

General Specifications

Color	Aluminum
Data Transfer Rate, maximum	1 Gb @ 1 km
Interface, Input	Multimode fiber input: OM3/OM4 SFP Singlemode fiber input: G657.A2 SFP
Interface, Output	RJ45 output: Cat 5e/6, Half Duplex and Full
Total Ports, quantity	1
Transition Performance	1 port, 60W PoE rated output

Transmission Standard Notes NEC Class II requires a power supply unit (PSU) limited to less than 60V DC | PoE standard (IEEE 802.3af) assumes 15.4W power consumption | PoE+ standard (IEEE 802.3at) assumes 25.5W power consumption

Transmission Standards CISPR 22/FCC CFR 47 | EN300386/FCC CFR 47 | ETSI EN 300 019-1-4 | IEC 60950-1 | IEC 60950-22 | ITU-T K.45 | NEC Class II

Mechanical Specifications

Mount Type Universal pole mount | Universal wall mount

Outline Drawing

Input Voltage	Cable Gauge (AWG)	60W PoE Maximum Distance (m)
Maximum (57V)	12	650
	16	255
Nominal (48V)	12	460
	16	180
Minimum (40.5V)	12	330
	16	130

Maximum Output 60W at the PoE Extender to permit 52W with 90m of Cat 6 cable.

NEC Class 2 requires a power supply unit (PSU) limited to less than 60V DC. In practice, some commercial 48V power supplies may be configured to output from 48V up to about 57V.

A range of PSU voltage outputs is represented, along with the two Powered Fiber Cable copper gauge options, with supported maximum distances in meters.

Outline Drawing Used as an image placeholder

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant



* Footnotes

Data Transfer Rate, maximum Through PoE+ Media Converter