



## PoE Extender, 2 Port Universal Mount, Outdoor, 60 Watt, 2-Port

- Environmentally sealed closure - IP67
- Electrical power management
- Circuit protection electronics
- Optical to electrical Media Conversion
- Automatically conditions electrical voltage to the correct level
- 2 independent PoE ports

## Product Classification

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

## Construction Materials

<b>Finish</b>	White solar shield
<b>Material Type</b>	Aluminum

## Dimensions

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

## Environmental Specifications

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

## General Specifications

<b>Color</b>	Aluminum
<b>Data Transfer Rate, maximum</b>	1 Gb @ 1 km
<b>Interface, Input</b>	Multimode fiber input: OM3/OM4 SFP   Singlemode fiber input: G657.A2 SFP
<b>Interface, Output</b>	RJ45 output: Cat 5e/6, Half Duplex and Full
<b>Total Ports, quantity</b>	2
<b>Transition Performance</b>	2 separate ports each 25.5W, 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)	Lmax (m) (PoE+/PoE+)	Lmax (m) (PoE/PoE+)	Lmax (m) (PoE/PoE)	Lmax (m) (PoE+)	Lmax (m) (PoE)
Maximum (57V)	12	650	1120	1570	1595	2630
Maximum	16	255	445	620	630	1040
Nominal (48V)	12	460	795	1100	1120	1840
Nominal	16	180	315	435	440	725
Minimum (40.5V)	12	330	555	770	780	1285
Minimum	16	130	220	305	310	510

Maximum Output 30W at the PoE Extender to permit 25.5W 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.

**Note:** PoE standard IEEE 802.3 af (IEEE 802.3at type 1) assumes 12.95W power consumption. PoE+ standard (IEEE 802.3at type 2) assumes 25.5W.

**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